





NORZON PLUS

Charger™

Gemini



CATEGORY DEFINITION

Depressed center wheels may also be referred to as raised hub wheels or by their shape designation of "Type", with Type 27 being the most popular. The depressed center design allows the flange/lock nut to recess within the wheel so that it can be used for various grinding and cutting applications. Depressed center wheels are designed to handle the most severe right angle grinding applications from heavy stock removal to rough blending. More recently, depressed center wheels have been designed to increase the utility of the tool for cut-off applications. While large right angle grinders (7" & 9") have been around for many years, small or mini grinders that handle 4", 4-1/2" and 5" wheels have made this machine, and wheel category, the most popular in power tools.

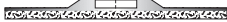
- APPLICATIONS: Grinding, stock removal, edge chamfering, beveling, weld blending, and cutting-off
- SIZE RANGE: 2" – 9"
- THICKNESS RANGE: .040 (1/32) – .250 (1/4")
- GRIT RANGE: 24 – 46 grits for stock removal; 60, 80, 120 grits for blending and finishing
- ABRASIVE GRAIN: Ceramic Alumina, Zirconia Alumina, Aluminum Oxide, Silicon Carbide
- MOUNTING OPTIONS: Plain hole (5/8" and 7/8") and discard mount (3/8-24" and 5/8-11")
- SHAPE: Type 27, Type 28, Type 29

TYPE-TO-APPLICATION RECOMMENDATION GUIDE


WHEEL TYPE/THICKNESS

APPLICATIONS

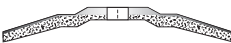
TYPE 27



Type 27 wheels are essentially straight wheels that have a "depressed center/raised hub". Different types of fiberglass reinforcement mesh give the product stability for use on the periphery, on the face, or a combination of the two.

			
	90° ANGLE	30° ANGLE	
.040", .045", .060", and .090" Type 27 RightCut	■		
.090" Type 27 RightCut	■		
.125" Type 27 RightCut	■		
1/8" Type 27	■	■	
5/32" Type 27	■	■	
1/8" Type 27 Flexible	■		
1/8" Type 27 Foundry Notchers	■	■	
1/4" Type 27	■		
1/4" Type 27 Foundry Snaggers	■	■	
1/4" Type 27 Heavy-Duty Foundry	■	■	

TYPE 28




Type 28 wheels are constructed with a downward angle built into the grinding section to facilitate a flatter grinding angle. These wheels can only be used on the face and never on the periphery for cutting-off.

			
			15° ANGLE
1/4" Type 28 Saucers			■

TYPE 29



Type 29 wheels are constructed with an upward angle built into the grinding section to provide full face contact for light stock removal and blending operations. These wheels can only be used on the face and never on the periphery for cutting-off.

			
			15° ANGLE
1/8" Type 29 Flexible, AVOS			■



MATERIAL/APPLICATION-TO-PRODUCT RECOMMENDATION GUIDE

	BEST HIGHEST PRODUCTIVITY LOWEST TOTAL COST	BETTER EXCELLENT BLEND OF PERFORMANCE & PRICE	GOOD CONSISTENT PERFORMANCE LOW INITIAL PRICE
CUTTING			
Mild Carbon / High Tensile Steel	NorZon Plus	Charger Plus	Metal
Stainless Steel / Alloys	NorZon Plus	Charger Plus	Gemini
Contaminate Free		Charger Plus INOX	Gemini INOX
Cast Iron	NorZon Plus	Charger Plus	Gemini
Gray Iron		Charger Foundry	
Aluminum / Bronze / Brass			Gemini Aluminum
Asphalt / Brick / Concrete			Masonry
Fiberglass / Plastic			Masonry
NOTCHING			
Mild Carbon / High Tensile Steel	NorZon Plus	Charger Plus	Metal
Stainless Steel / Alloys	NorZon Plus	Charger Plus	Gemini
Contaminate Free		Charger Plus INOX	Gemini INOX
Cast Iron	NorZon Plus	Charger Plus	Gemini
GRINDING			
Mild Carbon / High Tensile Steel	NorZon Plus	Charger Plus	Metal
Stainless Steel / Alloys	NorZon Plus	Charger Plus	Gemini
Contaminate Free		Charger Plus INOX	Gemini INOX
Cast Iron	NorZon Plus	Charger Plus	Gemini
Gray Iron	NorZon Plus Foundry	Charger Foundry	Gemini
Aluminum / Bronze / Brass			Gemini Aluminum
Asphalt / Brick / Concrete			Masonry
BLENDING			
Mild Carbon / High Tensile Steel		Charger AVOS Flexible	Gemini Flexible
Stainless Steel / Alloys		Charger AVOS Flexible	Gemini Flexible
Aluminum / Bronze / Brass		Charger AVOS Flexible	Gemini Flexible
Fiberglass / Plastic		Charger AVOS Flexible	Gemini Flexible

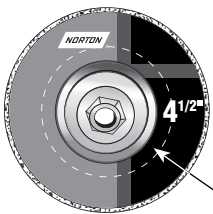
TYPICAL STEEL, STAINLESS STEEL, CAST IRON PRODUCTS: ANGLE IRON, BAR STOCK, DUCTILE PIPE, CHANNEL IRON, DECKING, REBAR, I-BEAMS, RAIL STEEL, STUDS, TUBING, AND WELDS

HOW TO PICK THE RIGHT BOND TYPE

Standard	<i>Unmarked</i>	Where an excellent blend of cut rate and life is needed
Fast Cut	FC	Where fast stock removal is needed, or the application only allows for low-pressure or under-horsepowered grinders
Long Life	LL	Where durability is needed due to severe application, and when horsepower of the grinder allows for heavy pressure
Contaminate Free	INOX	Contain <0.1% iron, sulfur or chlorine for rust-free and corrosion-free results. Will not contaminate stainless steel

HOW TO PICK THE RIGHT MOUNT

Most wheel sizes come with a plain hole or a discard mount option. While the plain hole has a small, initial cost advantage, the discard mount can provide a labor cost advantage with the quicker wheel change.

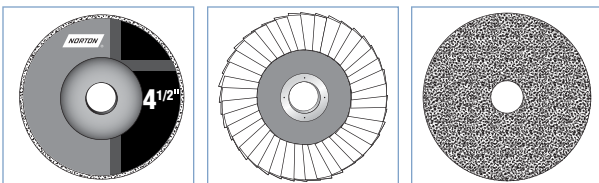


Mini-Mount Hub

Our unique, patented mini-mount hub used on 4-1/2" and 5" depressed center wheels provides up to 30% more wheel life because the hub covers just a small surface area, providing maximum grinding area exposure and usage.

STANDARD THROW-AWAY HUB SIZE

WHY CHOOSE DEPRESSED CENTER WHEELS?



Depressed Center Wheels vs. Flap Discs or Fiber Discs

- Up to 5X life over flap discs, less downtime
- Up to 100X life over fiber discs, less downtime
- Rigidity for severe operations and high power grinders
- 1/8" wheels can be used for cutting and grinding
- Can be used to grind inside corners at outer edge of wheel



CROSS REFERENCE GUIDES

TYPE 27 RIGHTCUT – .040" - .125"

	TOTAL PERFORMANCE			INITIAL PRICE			SPECIALTY
	BEST NorZon Plus	BETTER Charger Plus	GOOD Gemini INOX	Gemini Long Life	Gemini	Metal	GOOD Gemini Aluminum
Brilliant	—	—	—	Brill-Blade Heavy Duty	Brill-Blade Extra FC	Hornet	—
Bullard	—	ZA60T	—	TA46T, TA60T TA60U	SGA60U	A46T, A60T Comp.	AL46N
Camel	—	ZA Quickie Cut	A60-T-BF, WA60R Quickie Cut	Super Quickie Cut	A36-S-BF	—	A46 Quickie Cut
Flexovit	—	—	—	Razorblade A60SST	Razorblade A24T, 30V, 36T	—	—
Pearl	—	Redline Max Slimcut	—	Slimcut	—	Slimcut Pro-V, Silverline	—
Pferd	—	SGP-ZA-Q- INOX	SG-A-R-INOX, SGP-A-S-INOX	SG-A-S, SGP-A-T	—	PSF-A-P	S-G-N-ALU
Sait	Saitech	Z-tech	XA46R	A60S	SAIT.MX	—	A46N
SpedeCut	—	—	—	—	—	A46, 60 TBXX	—
Walter	—	—	A-60SS-ZIP	A-60-ZIP	A-30-ZIP	—	A-60-ZIP-ALU

TYPE 27 AND 28 – 1/8" AND 1/4"

	TOTAL PERFORMANCE					INITIAL PRICE				SPECIALTY	
	BEST NorZon Plus	NorZon Plus Long Life	BETTER Charger Plus INOX	Charger Plus	Charger Plus Foundry	GOOD Gemini	Gemini Fast Cut	Gemini INOX	Metal	GOOD Gemini Aluminum	Masonry
Brilliant	—	—	Brill-Max Z24R	—	—	Brill-Tex A24UHPXL, A30T	Brill-Tex A24R Super-G	Brill-Tex A30P	Hornet Metal	Brill-Tex A30ALU	Brill-Tex C30P, Hornet Concrete
Bullard	TA24S	—	ZA24R	ZA24R Competitor	—	A24R	A24N	A46Q	A24R Competitor	AL36N	C24R
Camel	—	—	ZA24T	—	—	A24R	Ultra A24-N-BF, A24T Super Quickie Cut	WA24S	A24N, R & T Fast Cut	A30N, Fast Cut	C24R
Flexovit	Flexon ZA20Q	Flexon ZA24P ZA30T	—	Metalhog AXT24S	Flexon ZA16U	High Performance A24/30T	High Performance A30S, Specialist A30Q & R	Free Grind A30Q	—	Specialist A24ALU	High Performance C24/30P
Metabo	—	—	ZA24T	—	—	A24R & T	A24N	A36Q	—	A36M	C24N
Pearl	—	—	Z24T	—	—	Premium Metal A24S, Redline Max A/WA24S	Premium Metal A24R, Redline Max A/WA24R	WA24R, SRT24	Silver Line A24R & S	D.A. Series AL24M	Silver Line C24S
Pferd	—	—	ZA R SGP, Z-SG	ZA S GP, ZA T SGP	—	A-PS, A-SG	—	A-SG INOX, A-PS INOX	—	A-SG ALU	S-SG, Masonry
Sait	Saitech Attacker, Pipeline	Saitech Ultimate Performance	Z24R Z-tech	—	CA24R - Foundry	A24R, A24 Turbo	A24N	XA24Q	—	A46N - Aluminum	C24N
Tyrolit	—	—	ZA24N-BFX	ZA24P-BFX	ZZA24R-BFX	A30S & Q-BFX	A30R-BFX	A30-BF INOX	A30-BF	A36N-BFX WA46-BF	C30-BF
Walter	—	—	Double-X, Allsteel	Allsteel XX	—	HP	—	Stainless	—	Aluminum	Concrete

TYPE 27 – FLEXIBLE 1/8"

	TOTAL PERFORMANCE		INITIAL PRICE
	BETTER Charger Flex	GOOD Gemini Flex	
Brilliant	—	Brill-Flex	
Bullard	—	Flexlite AC	
Camel	—	FGF, Special Wheel	
Flexovit	—	Flexcel	
Metabo	—	Z-Plus	
Pearl	—	Flexible AC	
Pferd	SG-Flex	—	
Sait	—	Challenger II	
Walter	—	Flexcut	



FEATURED PRODUCTS



NORZON PLUS

BEST/HIGHEST PRODUCTIVITY FOR STEEL, STAINLESS STEEL AND ALL OTHER FERROUS METALS

FEATURES

- Combination of patented Norton SG (ceramic alumina) and NorZon (zirconia alumina) with an advanced bond system

BENEFITS

- 50 to 200% better overall performance versus competitive zirconia and ceramic wheels
- Lowest total grinding cost; highest productivity
- Up to 10X the performance of aluminum oxide wheels
- 50% or better cut rate than competitive zirconia wheels
- Easy on the operator and equipment
- Foundry Snagger
- Designed to withstand the most aggressive foundry application



CHARGER PLUS

BETTER CHOICE FOR STEEL, STAINLESS STEEL AND ALL OTHER FERROUS METALS

FEATURES

- High-ratio zirconia alumina blend with aluminum oxide
- Charger Contaminate Free **INOX**
- Charger Foundry
- AVOS Charger Flexible (with aluminum oxide grain)

BENEFITS

- 3 times the life of aluminum oxide wheels
- Ideal for stainless steel and carbon steel applications, efficiently grinds a variety of materials from alloys to gray iron
- Excellent performance to price ratio lowers total grinding costs
- Contain <0.1% iron, sulfur or chlorine for rust-free and corrosion-free result; will not contaminate stainless steel
- Zirconia alumina/silicon carbide abrasive and reinforcement structure designed for aggressive foundry applications
- Patented shape design provides complete vision of the grinding zone, for more efficient grinding, less gouging, and heat-reducing interrupted cuts
- Uniquely-patterned face creates cooler grinding and minimal gouging



GEMINI

GOOD CHOICE FOR STEEL AND FERROUS METALS AS WELL AS SPECIALTY APPLICATIONS IN ALUMINUM AND FOUNDRIES

FEATURES

- Quality aluminum oxide
- Gemini Contaminate Free **INOX**
- Gemini Aluminum

BENEFITS

- Consistent performance at a competitive price
- Contain <0.1% iron, sulfur or chlorine for rust-free and corrosion-free results; will not contaminate stainless steel
- Grind aluminum and soft metals without loading
- Contain no wax or rubber fillers



NORTON METAL/MASONRY

GOOD CHOICE FOR STEEL/FERROUS METAL AND MASONRY APPLICATIONS WITH LOW INITIAL PRICE

FEATURES

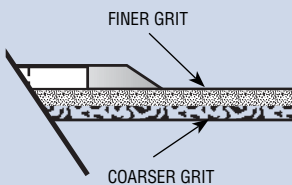
- Competitive initial price point
- Metal – aluminum oxide
- Masonry – sharp silicon carbide

BENEFITS

- Best starting specification for end user unable to measure performance
- Engineered for all steel/ferrous materials
- Engineered for all masonry materials such as concrete, brick and asphalt

Norton Fine, Hard Back Depressed Center Wheels Boost Productivity and Wheel Life

Versus Competitors' Monolithic Design (2 coarse layers)



Our fine, hard back (a finer-grit mixture in the top half of the grinding wheel) limits premature shedding or “spalling” and allows for a smoother grinding action from the periphery to the hub.

- At the proper grinding angle, a sharp bevel is produced at the wheel periphery
- As the wheel wears, this thin edge become susceptible to stress
- A coarse grit back is much more likely to break away prematurely resulting in unnecessary wheel loss and quite possibly an injury to operator and others



AVAILABILITY



TIER:	BEST	BETTER	GOOD	GOOD
TRADENAME:	NORZON PLUS	CHARGER PLUS	GEMINI	NORTON METAL
SHAPE:	Type 27	Type 27	Type 27	Type 27
ABRASIVE:	Ceramic Alumina/ Zirconia Alumina	Zirconia Alumina/ Aluminum Oxide	Aluminum Oxide	Aluminum Oxide
MATERIAL:	STAINLESS STEEL / METAL	STAINLESS STEEL / METAL	STAINLESS STEEL / METAL	STAINLESS STEEL / METAL

SIZE (D X T X H)	MAX. RPM	STD. PKG.	PART NO.	PART NO.	PART NO.	PART NO.
.040, .045, .060, .090, .125 – RIGHTCUT CUT-OFF – TYPE 27						
4 x .045 x 5/8	15,280	20			66252833840	07660705249
4 x .125 x 3/8	15,280	20	66243529883			
4-1/2 x .040 x 5/8-11	13,580	20		66252837013		
4-1/2 x .045 x 5/8-11	13,580	20	66252830748	66252832009	66252819549	
4-1/2 x .045 x 7/8	13,580	20	66252830742	66252830125	66252819548	INOX 66252836497
4-1/2 x .090 x 5/8-11	13,580	20			66252823102	
4-1/2 x .090 x 7/8	13,580	20			66252835320	
		20			66252823103	INOX
4-1/2 x .125 x 5/8-11	13,580	20	66252815010		66252813301	
4-1/2 x .125 x 7/8	13,580	20	66252830443		66252801860	
5 x .040 x 5/8-11	12,225	20		66252837014		
5 x .045 x 5/8-11	12,225	20			66252830586	
5 x .045 x 7/8	12,225	20	66252830744	66252830126	66252819550	
5 x .090 x 7/8	12,225	20			66252823106	INOX
		20			66252836984	LL
5 x .125 x 7/8	12,225	20			66252801862	
6 x .045 x 5/8-11	10,185	20			66252830587	
6 x .045 x 7/8	10,185	20	66252830745	66252830127	66252819551	
6 x .090 x 7/8	10,185	20			66252832487	INOX
7 x .060 x 7/8	8,600	20			66252912626	
		10				07660705251
7 x .090 x 7/8	8,600	20			66252914638	INOX
7 x .125 x 5/8-11	8,600	10	66252912625			
7 x .125 x 7/8	8,600	20	66252912624		66252900619	
9 x .060 x 5/8-11	6,600	10			66253019115	

RIGHTCUT WHEELS ARE TO BE USED FOR CUTTING ONLY.

1/8" – PIPE NOTCHING – TYPE 27						
7 x 1/8 x 5/8-11	8,600	10	66252939184			
9 x 1/8 x 5/8-11	6,600	10	66253049066			

PIPE NOTCHERS ARE TO BE USED FOR CUTTING/NOTCHING ONLY.

1/8", 5/32" – CUTTING / NOTCHING / LIGHT GRINDING – TYPE 27						
3 x 1/8 x 3/8	18,000	20	66243528697			
4 x 1/8 x 3/8	15,280	20	66243529884	66243529893	66243529686	
4 x 1/8 x 5/8	15,280	20	66243529885	66243529851	66243530619	
		10				07660775930
4-1/2 x 1/8 x 5/8-11	13,580	20	66252830445	66252829853	66252830435	07660702677
		20		66243578249	INOX	
4-1/2 x 1/8 x 7/8	13,580	20	66252830444	66252829854	66252830609	66252836798
		20		66243578248	INOX	
5 x 1/8 x 5/8-11	12,225	20	66252832398	66252829857		
		20		66243578253	INOX	
		5				07660775915
5 x 1/8 x 7/8	12,225	20	66252830789	66252829858	66252830614	
		20		66243578252	INOX	
		10				07660775916
5 x 5/32 x 7/8	13,580	20			66252835579	
6 x 1/8 x 5/8-11	10,185	10		66243578257	INOX	66252833965
6 x 1/8 x 7/8	10,185	20		66252809367		66252801864
		20		66243578256	INOX	
6 x 5/32 x 7/8	10,185	20			66252835580	

CONTINUED

DEPRESSED CENTER DESCRIPTION CODES

INOX = CONTAMINANT FREE	FC = FAST CUT	LL = LONG LIFE	HD = HEAVY DUTY	BLANK = ALL PURPOSE
■ = STAINLESS	■ = STEEL / METAL	■ = FOUNDRY	■ = MASONRY	■ = ALUMINUM



AVAILABILITY



TIER:	BEST	BETTER	GOOD	GOOD
TRADENAME:	NORZON PLUS	CHARGER PLUS	GEMINI	NORTON METAL
SHAPE:	Type 27 and Type 28	Type 27 and Type 28	Type 27 and Type 28	Type 27
ABRASIVE:	Ceramic Alumina/ Zirconia Alumina	Zirconia Alumina/ Aluminum Oxide	Aluminum Oxide	Aluminum Oxide
MATERIAL:	STAINLESS STEEL / METAL	STAINLESS STEEL / METAL	STAINLESS STEEL / METAL	STAINLESS STEEL / METAL

SIZE (D X T X H)	MAX. RPM	STD. PKG.	PART NO.	PART NO.	PART NO.	PART NO.
1/8", 5/32" – CUTTING / NOTCHING / LIGHT GRINDING – TYPE 27						
7 x 1/8 x 5/8-11	8,600	10	66252938855	66252929862	66252939259	07660702678
		10		66243578241 INOX		
7 x 1/8 x 7/8	8,600	20	66252938854	66252929863	66252939207	
		20		66243578240 INOX		07660775956
		5				
7 x 5/32 x 7/8	8,600	20			66252835581	
9 x 1/8 x 5/8-11	6,600	10	66253048897	66253029866		
		10		66243578245 INOX		07660775939
		5				
9 x 1/8 x 7/8	6,600	20	66253048896	66253029867	66253048994	
		20		66243578244 INOX		
1/4" – GRINDING – TYPE 27						
3 x 1/4 x 3/8	18,000	20	66243528809		66243528855	
4 x 1/4 x 3/8	15,280	20	66243529886	66243529899	66243529748	
4 x 1/4 x 5/8	15,280	20	66243529887	66243529852	66243519884 FC	66252836797
		20			66243530620	
4-1/2 x 3/16 x 7/8	13,580	20	66252830446		66252830575	
4-1/2 x 1/4 x 5/8-11	13,580	20	66252828804	66252829855	66252817084 FC	66252819559
		20	66252835576 LL	66243578251 INOX	66252830432	
		20			66252819568 INOX	
4-1/2 x 1/4 x 7/8	13,580	20	66252828803	66252829856	66252830612 FC	66252836796
		20		66243578250 INOX	66252830611	
		20			66252819567	
5 x 1/4 x 5/8-11	12,225	20	66252828806	66252829859	66252837010	
		20	66252835577 LL	66243578255 INOX		07660775913
		5				
5 x 1/4 x 7/8	12,225	20	66252828805	66252829861	66252830617 FC	
		20		66243578254 INOX	66252830615	
		20			66252819570 INOX	
		5				07660775918
6 x 1/4 x 5/8-11	10,185	10		66252832391	66252832390	
		10		66243578259 INOX		
6 x 1/4 x 7/8	10,185	20	66252809376	66252809372	66252801865	
		20		66243578258 INOX		
7 x 1/4 x 5/8-11	8,600	10	66252917881	66252929864	66252940147 FC	66252912633
		10	66252835578 LL	66243578243 INOX	66252940148	
7 x 1/4 x 7/8	8,600	20	66252917880	66252929865	66252940099 FC	
		20		66243578242 INOX	66252940098	
		5				07660775936
9 x 1/4 x 5/8-11	6,600	10	66253021634	66253029868	66253049105 FC	
		10	66252830728 LL	66243578247 INOX	66253049104	07660775938
		5				
9 x 1/4 x 7/8	6,600	20	66253021633	66253029869	66253049077 FC	
		20		66243578246 INOX		07660775935
		5				
1/4" – GRINDING – TYPE 28 SAUCER						
7 x 1/4 x 5/8-11	8,600	10	66252905369	66252905367	66252940149	
7 x 1/4 x 7/8	8,600	20	66252905368		66252940095	
9 x 1/4 x 5/8-11	6,600	10	66253006335	66253006334	66253049106	
9 x 1/4 x 7/8	6,600	20			66253049081	

DEPRESSED CENTER DESCRIPTION CODES

INOX = CONTAMINANT FREE	FC = FAST CUT	LL = LONG LIFE	HD = HEAVY DUTY	BLANK = ALL PURPOSE
■ = STAINLESS	■ = STEEL / METAL	■ = FOUNDRY	■ = MASONRY	■ = ALUMINUM



AVAILABILITY



TIER:	BEST	BETTER
TRADENAME:	NORZON PLUS	CHARGER PLUS
SHAPE:	Type 27	Type 27
ABRASIVE:	Ceramic Alumina/ Zirconia Alumina	Zirconia Alumina/ Silicon Carbide
MATERIAL:	FOUNDRY	FOUNDRY

SIZE (D X T X H)	MAX. RPM	STD. PKG.	PART NO.	PART NO.
1/8", 1/4" – GRINDING / CUTTING – TYPE 27				
4 x 1/4 x 3/8	15,280	20		66243531504
4 x 1/4 x 5/8	15,280	20		66243531502
4-1/2 x 1/8 x 5/8-11	13,580	20		66252824508
4-1/2 x 1/8 x 7/8	13,580	20		66252824504
4-1/2 x 1/4 x 5/8-11	13,580	20		66252824509
4-1/2 x 1/4 x 7/8	13,580	20		66252824505
7 x 1/8 x 5/8-11	8,600	10		66252915529
7 x 1/4 x 5/8-11	8,600	10		66252915528
7 x 1/4 x 7/8	8,600	20		66252915527
9 x 1/8 x 5/8-11	6,600	10		66253018579
9 x 1/8 x 7/8	6,600	20		66253018574
		20		66253018940
9 x 1/4 x 5/8-11	6,600	10	66253007014	66253018580
		10		66253020902 HD
9 x 1/4 x 7/8	6,600	20	66253007013	66253018575
		20	66252832897 HD	66253020901 HD



TIER:	GOOD
TRADENAME:	GEMINI
SHAPE:	Type 27
ABRASIVE:	Aluminum Oxide
MATERIAL:	ALUMINUM

SIZE (D X T X H)	MAX. RPM	STD. PKG.	PART NO.
1/8", 1/4" – GRINDING / CUTTING / BLENDING – TYPE 27			
4 x 1/4 x 5/8	15,280	20	66243529741
4-1/2 x 1/8 x 5/8-11	13,580	20	66252819555
4-1/2 x 1/8 x 7/8	13,580	20	66252819554
4-1/2 x 1/4 x 5/8-11	13,580	20	66252830433
4-1/2 x 1/4 x 7/8	13,580	20	66252830627
5 x 1/4 x 7/8	12,225	20	66252823273
7 x 1/4 x 5/8-11	8,600	10	66252940514
		10	66252940515
7 x 1/4 x 7/8	8,600	20	66252940516
9 x 1/4 x 5/8-11	6,600	10	66253049045



TIER:	GOOD
TRADENAME:	NORTON MASONRY
SHAPE:	Type 27
ABRASIVE:	Silicon Carbide
MATERIAL:	MASONRY

SIZE (D X T X H)	MAX. RPM	STD. PKG.	PART NO.
1/8", 1/4" – GRINDING / CUTTING – TYPE 27			
4 x 1/8 x 5/8	15,280	10	07660775914
4 x 1/4 x 5/8	15,280	10	07660775912
4-1/2 x 1/8 x 5/8-11	13,580	10	07660775909
4-1/2 x 1/4 x 5/8-11	13,580	5	07660775993
4-1/2 x 1/4 x 7/8	13,580	10	07660775944
5 x 1/8 x 7/8	12,225	10	07660775945
5 x 1/4 x 7/8	12,225	5	07660775902
7 x 1/4 x 5/8-11	8,600	5	07660775942
7 x 1/4 x 7/8	8,600	5	07660775946
9 x 1/4 x 5/8-11	6,600	5	07660775937

DEPRESSED CENTER DESCRIPTION CODES

INOX = CONTAMINANT FREE	FC = FAST CUT	LL = LONG LIFE	HD = HEAVY DUTY	BLANK = ALL PURPOSE
■ = STAINLESS	■ = STEEL / METAL	■ = FOUNDRY	■ = MASONRY	■ = ALUMINUM



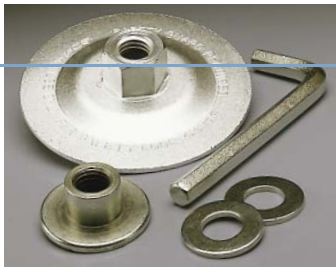
AVAILABILITY



TIER:	BETTER	BETTER	GOOD
TRADENAME:	AVOS CHARGER FLEXIBLE	CHARGER FLEXIBLE	GEMINI FLEXIBLE
SHAPE:	Type 29	Type 29	Type 27
ABRASIVE:	Aluminum Oxide	Aluminum Oxide	Aluminum Oxide
MATERIAL:	ALUMINUM STEEL / METAL	ALUMINUM STEEL / METAL	ALUMINUM STEEL / METAL

SIZE (D X T X H)	MAX. RPM	STD. PKG.	GRIT	PART NO.	PART NO.	PART NO.
1/8" FLEXIBLE – BLENDING – TYPE 29 AND 27						
2 x 1/8 x 3/8	30,560	25	60			66252835632*
		25	80			66252835633*
		25	120			66252835634*
4 x 1/8 x 5/8	13,500	20	36			66243529721#
		20	60			66243529722#
4-1/2 x 1/8 x 5/8-11	13,580	20	36	66252825236	66252833455	
4-1/2 x 1/8 x 7/8	13,580	20	36	66252823473	66252833454	
		20	46	66252823475		
		20	60	66252823474		
		12,000	20	36		
		20	60			66252830425#
5 x 1/8 x 7/8	12,225	20	36	66252823478	66252833456	
7 x 1/8 x 5/8-11	8,600	10	36		66252917052	66252939024
7 x 1/8 x 7/8	8,600	20	36		66252917051	66252939028#

* 5 WHEELS PER DISPLAY PACK; 5 DISPLAY PACKS PER STANDARD PACKAGE.
USE WITH BACK PLATE. TWO BACK PLATES ARE INCLUDED IN EACH BOX OF 20 WHEELS.



Norton Depressed Center Adapter Kit

This reusable adapter kit contains everything you need to mount depressed center wheels and saucers with 7/8" center holes on to a portable right angle or vertical shaft grinders. Adapter hubs are threaded for mounting on to standard 5/8"-11 NCRH spindles.

KIT NO.	WHEEL DIAMETER	WHEEL THICKNESS	PART NO.	STD. PKG.
114	6" thru 9"	1/16" thru 1/4"	07660789275	1



BEST NorZon Plus RightCut

Highest Productivity, Lowest Total Cost
Advanced grain technology – a blend of Norton SG® (seeded gel) ceramic alumina and NorZon zirconia alumina abrasives – in the fastest cutting bond system. Across all grinding jobs, testing shows performance up to 100% better than competitive high-performance wheels and up to 10 times better than aluminum oxide wheels.

Norton Type 01 & 27 RightCut Line – 4" - 9"

Norton RightCut wheels provide lowest total cost versus competitive initial cutting solutions for right angle grinders. Available in 4" through 9" diameters in Type 01 straight and Type 27 depressed center shapes.



BETTER Charger RightCut

Exceptional Blend of Performance and Price
Zirconia alumina and aluminum oxide combination provides up to 2X cut rate and up to 3X longer life over conventional aluminum oxide products on stainless and carbon steel.



GOOD Gemini RightCut

Good Performance, Wide Variety and Good Initial Price
Engineered blend of high-performance aluminum oxide provides the best starting specification on a wide variety of sizes and thicknesses at a good initial price.



GOOD Norton Metal RightCut

Good Performance, Low Initial Price
Popular aluminum oxide starting specification where good performance at a low price is the primary consideration.