





NORTON
SAINT-GOBAIN
NORZON
PLUS

NORTON
SAINT-GOBAIN
BLUEfire™

NORTON
SAINT-GOBAIN
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 (5/8"-11 and 3/8"-24)
- 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 27/42 RightCut	Cutting only, where fast cutting and low kerf loss are desired	■	
.090" Type 27/42 RightCut	For tough cutting and notching applications where stability is important	■	
.125" Type 27/42 RightCut	Cutting and cleaning burr-free narrow root pass welds	■	
1/8" Type 27	For multiple applications ranging from cutting-off, notching and light-duty side grinding	■	■
5/32" Type 27	2-1/2 pieces of reinforcement; durable face grinding; root pass grinding without removing pipe material	■	■
1/8" Type 27 Flexible	For light stock/blending/finishing/polishing	■	
1/8" Type 27 Foundry Notchers	Triple-reinforced for grinding steel and dirty/scale-covered castings; removing and cleaning gates and risers	■	■
1/4" Type 27	For heavy-duty to light grinding on the bottom/face of the wheel		■
1/4" Type 27 Foundry Snaggers	Designed for cleaning parting lines, pads and slag		■
1/4" Type 27 Heavy-Duty Foundry	Triple-reinforced for the most aggressive foundry applications		■
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	Smooth, gouge-free grinding at shallow angles		■
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	Polishing and blending applications		■



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	Norton NorZon Plus	Norton BlueFire	Norton Metal
Stainless Steel / Alloys	Norton NorZon Plus	Norton BlueFire	Norton Gemini
Contaminate Free		Norton BlueFire INOX	Norton Gemini INOX
Cast Iron	Norton NorZon Plus	Norton BlueFire	Norton Gemini
Gray Iron		Norton BlueFire Foundry	
Aluminum / Bronze / Brass			Norton Gemini Aluminum
Asphalt / Brick / Concrete			Norton Masonry
Fiberglass / Plastic			Norton Masonry
Notching			
Mild Carbon / High Tensile Steel	Norton NorZon Plus	Norton BlueFire	Norton Metal
Stainless Steel / Alloys	Norton NorZon Plus	Norton BlueFire	Norton Gemini
Contaminate Free		Norton BlueFire INOX	Norton Gemini INOX
Cast Iron	Norton NorZon Plus	Norton BlueFire	Norton Gemini
Grinding			
Mild Carbon / High Tensile Steel	Norton NorZon Plus	Norton BlueFire	Norton Metal
Stainless Steel / Alloys	Norton NorZon Plus	Norton BlueFire	Norton Gemini
Contaminate Free		Norton BlueFire INOX	Norton Gemini INOX
Cast Iron	Norton NorZon Plus	Norton BlueFire	Norton Gemini
Gray Iron	Norton NorZon Plus Foundry	Norton BlueFire Foundry	Norton Gemini
Aluminum / Bronze / Brass			Norton Gemini Aluminum
Asphalt / Brick / Concrete			Norton Masonry
Blending			
Mild Carbon / High Tensile Steel			Norton Gemini Flexible
Stainless Steel / Alloys			Norton Gemini Flexible
Aluminum / Bronze / Brass			Norton Gemini Flexible
Fiberglass / Plastic			Norton Gemini Flexible

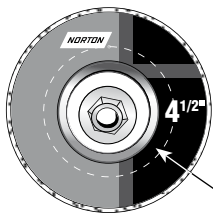
TYPICAL STEEL, STAINLESS STEEL, CAST IRON PRODUCTS: ANGLE IRON, BAR STOCK, DUCTILE PIPE, CHANNEL IRON, DECKING, REBAR, I-BEAMS, RAIL STEEL, STUDS, TUBING, AND WELDS

HOW TO PICK THE RIGHT BOND TYPE

Standard	Unmarked	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.

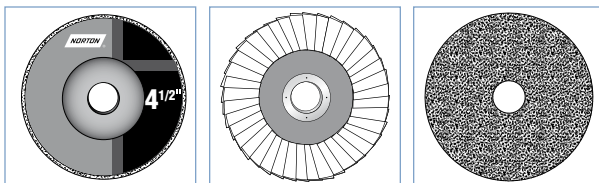


Mini-Mount Hub

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 27/42 RIGHTCUT – .040" - .125"

TOTAL PERFORMANCE

INITIAL PRICE

SPECIALTY

NORTON	BEST		BETTER			GOOD			GOOD	
	NorZon Plus	NorZon Plus	BlueFire	BlueFire	BlueFire	Gemini INOX	Gemini Long Life	Gemini		Metal
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.M.X	—	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

NORTON	BEST		BETTER			GOOD				GOOD	
	NorZon Plus	NorZon Plus Long Life	BlueFire INOX	BlueFire	BlueFire Foundry	Gemini	Gemini Fast Cut	Gemini INOX	Metal	Gemini Aluminum	Masonry
Brilliant	—	—	Brill-Max Z24R	—	—	Brill-Tex A24UHPXL, A30T	Brill-Tex A24R Super-G	Brill-Tex A30P	Hornet Metal	Brill-Tex 30ALU	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	A360	—	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"

NORTON	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



NORTON NORZON PLUS

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

FEATURES

- Combination of patented and NorZon (zirconia alumina) with an advanced bond system
- Foundry Snagger

BENEFITS

- 50 to 200% better overall performance versus competitive zirconia Norton SG (ceramic alumina) 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
- Designed to withstand the most aggressive foundry application



NEW

NORTON BLUEFIRE

BETTER CHOICE FOR STAINLESS STEEL, CARBON STEEL, ALLOYS AND GRAY IRON

FEATURES

- A blend of R&D advanced chemistry and shape zirconia alumina abrasive with premium aluminum oxide grain
- Contaminate-free BlueFire FastCut/INOX
- BlueFire Foundry

BENEFITS

- 2-3 times the life of aluminum oxide wheels
- Up to 20% increase in performance and life over our former zirconia alumina wheels
- Broad utility from light-to heavy-pressure applications, on a wide range of materials
- Excellent performance-to-price ratio for lower total grinding costs
- Contain <0.1% iron, sulfur, or chlorine for rust-free and corrosion-free results; will not contaminate stainless steel
- Zirconia alumina/silicon carbide abrasive blend and an exceptionally strong reinforcement structure
- The ideal choice for aggressive, foundry applications



NORTON 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, sulphur 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

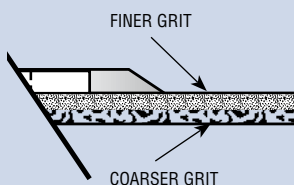
- Competitive initial price point
- Metal – aluminum oxide
- Masonry – sharp silicon carbide

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:	NORTON NORZON PLUS	NORTON BLUEFIRE	NORTON GEMINI	NORTON METAL
SHAPE:	Type 27/42	Type 27/42	Type 27/42	Type 27/42
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 27/42						
4 x .045 x 5/8	15,280	25			66252842180	07660705249
4 x .125 x 3/8	15,280	25	66252842001			
4-1/2 x .040 x 5/8-11	13,580	10		66252843227		
4-1/2 x .045 x 5/8-11	13,580	10	66252842006	66252843223	66252842025	
		10			66252841913 INOX	
4-1/2 x .045 x 7/8	13,580	25	66252843320	66252843219	66252842026	66252843604
		25			66252841912 INOX	
		25*			66252842161 5-Pk	
4-1/2 x .090 x 5/8-11	13,580	10			66252841903	
		10			66252842027 INOX	
4-1/2 x .090 x 7/8	13,580	25			66252841940	
		25			66252842028 INOX	
4-1/2 x .125 x 5/8-11	13,580	10	66252843321		66252843588	
4-1/2 x .125 x 7/8	13,580	25	66252843322		66252843589	
5 x .040 x 5/8-11	12,225	10		66252843228		
5 x .045 x 5/8-11	12,225	10			66252841939	
		10			66252841915 INOX	
5 x .045 x 7/8	12,225	25	66252843329	66252843220	66252842036	
		25			66252841914 INOX	
		25*			66252842171 5-Pk	
5 x .090 x 5/8-11	12,225	25			66252841904	
5 x .090 x 7/8	12,225	25			66252843587	
		25			66252842037 INOX	
5 x .125 x 7/8	12,225	25			66252843595	
6 x .045 x 5/8-11	10,185	10	66252842007		66252830587	
		10			66252841917 INOX	
6 x .045 x 7/8	10,185	25	66252842009	66252843221	66252842202	66252842015
		25			66252841916 INOX	
		25*			66252842176 5-Pk	
6 x .090 x 5/8-11	10,185	10			66252841905	
6 x .090 x 7/8	10,185	20			66252841906	
		20			66252832487 INOX	
6 x .125 x 5/8-11	10,185	10			66252841192	
6 x .125 x 7/8	10,185	25			66252842021	
7 x .045 x 5/8-11	8,600	10			66252841919 INOX	
7 x .045 x 7/8	8,600	20			66252841918 INOX	
7 x .060 x 7/8	8,600	20			66252912626	07660705251
		10				
7 x .125 x 5/8-11	8,600	10	66252912625		66252900619	
7 x .125 x 7/8	8,600	20	66252912624		66252841907	
7 x .090 x 5/8-11	8,600	10			66252841908	
7 x .090 x 7/8	8,600	20			66252914638 INOX	
					66253019115	
9 x 1/16 x 5/8-11	6,600	10				
9 x .090 x 5/8-11	6,600	10		66252842378		
9 x .090 x 7/8	6,600	20		66252842343		

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.

* 5-WHEEL JOB PACKS; WHEELS ARE PACKED 5 WHEELS/PACK, WITH 5 JOB PACKS/CARTON. ORDER PER EACH WHEEL IN STANDARD PACKAGE QUANTITIES OF 25. ORDER IN MULTIPLES OF 25.

DEPRESSED CENTER WHEEL DESCRIPTION CODES

FC = FAST CUT	HD = HEAVY DUTY	INOX = CONTAMINANT FREE	LL = LONG LIFE	1-2-3 = CUTTING/NOTCHING/GRINDING	BLANK = ALL PURPOSE
■ = ALUMINUM	■ = FOUNDRY	■ = MASONRY	■ = STAINLESS	■ = STEEL / METAL	



AVAILABILITY



TIER:	BEST	BETTER	GOOD	GOOD
TRADENAME:	NORTON NORZON PLUS	NORTON BLUEFIRE	NORTON 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
3/32", 1/16", 1/8", 5/32" – Cutting / Notching / Light Grinding – Type 27						
3 x 1/8 x 3/8	18,000	25	66252842177			
4 x 1/8 x 3/8	15,280	25	66252842004	66252843178	66252843178	
4 x 1/8 x 5/8	15,280	25	66252842005	66252843176	66252842017	66252842014
4-1/2 x 3/32 x 5/8-11	13,580	25			66252841903	
		10			66252842027 INOX	
4-1/2 x 3/32 x 7/8	13,580	25			66252841940	
		25			66252842028 INOX	
		25			66252843582 1-2-3	
4-1/2 x 1/8 x 5/8-11	13,580	10	66252843323	66252843211	66252843590	
		10		66252843191 FC		66252843609
		10‡			66252842166 2-Pk	
4-1/2 x 1/8 x 7/8	13,580	25	66252843324	66252843212	66252843591	66252843611
		25		66252843190 FC		
		10‡			66252842167 2-Pk	
5 x 3/32 x 5/8-11	12,225	25			66252841904	
5 x 3/32 x 7/8	12,225	25			66252842037 INOX	
					66252843587 LL	
					66252843583 1-2-3	
5 x 1/8 x 5/8-11	12,225	10	66252843330	66252843215		
		10		66252843195 FC		66252843615
5 x 1/8 x 7/8	12,225	25	66252843331	66252843216	66252843596	
		25		66252843194 FC		66252843616
5 x 5/32 x 7/8	13,580	25			66252842038	
6 x 3/32 x 5/8-11	10,185	10			66252841905	
6 x 3/32 x 7/8	10,185	10			66252841906	
					66252832487 INOX	
6 x 1/8 x 5/8-11	10,185	10	66252841891	66252843199 FC	66252833965	
6 x 1/8 x 7/8	10,185	20		66252843202	66252801864	
		20		66252843198 FC		
6 x 5/32 x 5/8-11	10,185	10			66252841193	
6 x 5/32 x 7/8	10,185	20			66252835580	
7 x 1/16 x 7/8	8,600	20			66252912626	
7 x 3/32 x 5/8-11	8,600	10			66252841907	
7 x 3/32 x 7/8	8,600	20			66252841908	
7 x 3/32 x 7/8	8,600	20			66252914638 INOX	
7 x 1/8 x 5/8-11	8,600	10	66252938855	66252843233	66252939259	07660702678
		10		66252843183 FC		
7 x 1/8 x 7/8	8,600	20	66252938854	66252843234	66252939207	
		20		66252843182 FC		
		25*				07660775956 5-Pk
7 x 5/32 x 7/8	8,600	20			66252835581	
9 x 1/8 x 5/8-11	6,600	10	66253048897	66252843244	66253048983	
		10		66252843187 FC		
9 x 1/16 x 5/8-11	6,600	10			66253019115	
9 x 1/8 x 7/8	6,600	20	66253048896	66252843245	66253048994	
		20		66252843186 FC		
9 x 1/4 x 7/8	6,600	20			66253049081	



* 5-WHEEL JOB PACKS: WHEELS ARE PACKED 5 WHEELS/PACK, WITH 5 JOB PACKS/CARTON. ORDER PER EACH WHEEL IN STANDARD PACKAGE QUANTITIES OF 25. ORDER IN MULTIPLES OF 25.
 ‡ 2-WHEEL SMALL PACKS (VENDIBLE/PEGGABLE); WHEELS ARE PACKED 2 WHEELS/PACK, WITH 5 PACKS/CARTON. ORDER PER EACH WHEEL IN STANDARD PACKAGE QUANTITIES OF 10.

DEPRESSED CENTER WHEEL DESCRIPTION CODES

FC = FAST CUT	HD = HEAVY DUTY	INOX = CONTAMINANT FREE	LL = LONG LIFE	1-2-3 = CUTTING/NOTCHING/GRINDING	BLANK = ALL PURPOSE
■ = ALUMINUM	■ = FOUNDRY	■ = MASONRY	■ = STAINLESS	■ = STEEL / METAL	



AVAILABILITY



TIER:	BEST	BETTER	GOOD	GOOD
TRADENAME:	NORTON NORZON PLUS	NORTON BLUEFIRE	NORTON 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
1/4" – Grinding – Type 27						
3 x 1/4 x 3/8	18,000	25	66252842178		66252842179	
4 x 1/4 x 3/8	15,280	25	66252842002	66252843179	66252842018	
4 x 1/4 x 5/8	15,280	25	66252842003	66252843177	66252842020 FC	66252842011
		25			66252842019	
4-1/2 x 3/16 x 7/8	13,580	25	66252843325		66252843592	
4-1/2 x 1/4 x 5/8-11	13,580	10	66252843326	66252843213	66252843593	66252843605
		10	66252843327	66252843193 FC	66252843585 FC	
		10			66252842032 INOX	
		40				66252819559
		10‡	66252829541 2-Pk	66252842162 2-Pk	66252842163 2-Pk	
4-1/2 x 1/4 x 7/8	13,580	25	66252843328	66252843214	66252843594	66252843607
		25		66252843192 FC	66252843584 FC	
		25			66252842033 INOX	
		50				66252836796
		10‡	66252829540 2-Pk	66252842164 2-Pk	66252842165 2-Pk	
5 x 1/4 x 5/8-11	12,225	10	66252843332	66252843217	66252843597	66252843613
		10	66252843333 LL	66252843197 FC		
		25*				07660775913 5-Pk
5 x 1/4 x 7/8	12,225	25	66252843334	66252843218	66252843598	66252843614
		25		66252843196 FC	66252843586 FC	
		25			66252842040 INOX	
		10‡			66252842172 2-Pk	
6 x 1/4 x 5/8-11	10,185	10	66252841920	66252843224	66252832390	
		10		66252843201 FC		
6 x 1/4 x 7/8	10,185	20	66252809376	66252843203	66252801865	
		20		66252843200 FC		
7 x 1/4 x 5/8-11	8,600	10	66252917881	66252843235	66252940147 FC	66252912633
		10	66252835578 LL	66252843185 FC	66252940148 LL	
		25*				07660775940 5-Pk
7 x 1/4 x 7/8	8,600	20	66252917880	66252843236	66252940099 FC	
		20		66252843184 FC	66252940098 LL	
		25*				07660775936 5-Pk
9 x 1/4 x 5/8-11	6,600	10	66253021634	66252843246	66253049105 FC	
		10	66252830728 LL	66252843189 FC	66253049104 LL	
		25*				07660775938 5-Pk
9 x 1/4 x 7/8	6,600	20	66253021633	66252843247	66253049077 FC	
		20		66252843188 FC	66253048991 LL	
1/4" – Grinding – Type 28 Saucer						
7 x 1/4 x 5/8-11	8,600	10	66252905369	66252843229	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	66252843237	66253049106	
9 x 1/4 x 7/8	6,600	20			66253049081	

* 5-WHEEL JOB PACKS; WHEELS ARE PACKED 5 WHEELS/PACK, WITH 5 JOB PACKS/CARTON. ORDER PER EACH WHEEL IN STANDARD PACKAGE QUANTITIES OF 25. ORDER IN MULTIPLES OF 25.
 ‡ 2-WHEEL SMALL PACKS (VENDIBLE/PEGGABLE); WHEELS ARE PACKED 2 WHEELS/PACK, WITH 5 PACKS/CARTON. ORDER PER EACH WHEEL IN STANDARD PACKAGE QUANTITIES OF 10.

Small Pack Convenience

Looking for a package solution that is vendible and/or peggable, small pack products are ideal. Pre-packaged in convenient quantities for optimal coverage of popular applications and performance tier needs. Also ideal for supplying smaller customers where larger pack sizes would take longer to turn as well as test opportunities with larger volume end-users.

Wheels are packed 2 wheels per pack, with 5 packs per carton.





AVAILABILITY



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

SIZE (D x T x H)	MAX. RPM	STD. PKG.	PART NO.	PART NO.	PART NO.
1/8", 1/4" – Grinding / Cutting – Type 27					
4 x 1/4 x 3/8	15,280	25			66252843181
4 x 1/4 x 5/8	15,280	25			66252843180
4-1/2 x 1/8 x 5/8-11	13,580	10			66252843206
4-1/2 x 1/8 x 7/8	13,580	25			66252843204
4-1/2 x 1/4 x 5/8-11	13,580	10			66252843207
4-1/2 x 1/4 x 7/8	13,580	25			66252843205
5 x 1/8 x 5/8-11	12,225	10			66252824510
5 x 1/4 x 5/8-11	12,225	20			66252824511
7 x 1/8 x 5/8-11	8,600	10			66252843232
7 x 1/8 x 7/8	8,600	20			66252915526
7 x 1/4 x 5/8-11	8,600	10			66252843231
7 x 1/4 x 7/8	8,600	20			66252843230
9 x 1/8 x 5/8-11	6,600	10			66252843240
9 x 1/8 x 7/8	6,600	20			66252843238
9 x 1/4 x 5/8-11	6,600	10	66253007014		66252843241
		10			66252843261 HD
9 x 1/4 x 7/8	6,600	20	66253007013	66253049069	66252843239
		20	66252832897 HD		66252843260 HD

AVAILABILITY



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

SIZE (D x T x H)	MAX. RPM	STD. PKG.	GRIT	PART NO.
1/8", 1/4" – Grinding / Cutting / Blending – Type 27				
4-1/2 x .045 x 7/8	13,580	25	36	66252841909
4-1/2 x 1/8 x 5/8-11	13,580	10	46	66252842029
4-1/2 x 1/8 x 7/8	13,580	25	46	66252842030
4-1/2 x 1/4 x 5/8-11	13,580	10	46	66252842031
4-1/2 x 1/4 x 7/8	13,580	25	46	66252842034
5 x .045 x 7/8	12,225	25	36	66252841910
5 x 1/4 x 7/8	12,225	25	46	66252842039
6 x .045 x 7/8	10,185	25	36	66252841911
7 x 1/4 x 5/8-11	8,600	10	24	66252940514
		10	46	66252940515
7 x 1/4 x 7/8	8,600	20	24	66252940516
9 x 1/4 x 5/8-11	6,600	10	24	66253049045

AVAILABILITY



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	15,280A	25	66252842013
4 x 1/4 x 5/8	15,280	25	66252842010
4-1/2 x 1/8 x 7/8	13,580	25	66252843601
4-1/2 x 1/4 x 5/8-11	13,580	10	66252843599
4-1/2 x 1/4 x 7/8	13,580	25	66252843600
5 x 1/4 x 7/8	12,225	25	66252843602
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 WHEEL DESCRIPTION CODES					
FC = FAST CUT	HD = HEAVY DUTY	INOX = CONTAMINANT FREE	LL = LONG LIFE	1-2-3 = CUTTING/NOTCHING/GRINDING	BLANK = ALL PURPOSE
AL = ALUMINUM	FO = FOUNDRY	MA = MASONRY	SS = STAINLESS	ST = STEEL / METAL	



AVAILABILITY



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

SIZE (D x T x H)	MAX. RPM	STD. PKG.	GRIT	PART NO.	PART NO.	PART NO.
1/8", 1/4" Flexible – Blending – Type 27 and 29						
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	15,280	25	36		66252842181#	
		25	60		66252842182#	
4 x 1/4 x 5/8	15,280	25	46		66252842183	
4-1/2 x 1/8 x 5/8-11	12,000	10	36	66252842208		66252842203
4-1/2 x 1/8 x 7/8	12,000	25	36	66252842209	66252842041#	66252842204
		25	46	66252842210		
		25	60	66252842211	66252842042#	
5 x 1/8 x 7/8	12,225	25	36	66252842212		66252842205
7 x 1/8 x 5/8-11	8,600	10	36		66252939024	66252917052
7 x 1/8 x 7/8	8,600	20	36		66252939028#	66252917051

*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

DEPRESSED CENTER WHEEL DESCRIPTION CODES

FC = FAST CUT	HD = HEAVY DUTY	INOX = CONTAMINANT FREE	LL = LONG LIFE	1-2-3 = CUTTING/NOTCHING/GRINDING	BLANK = ALL PURPOSE
■ = ALUMINUM	■ = FOUNDRY	■ = MASONRY	■ = STAINLESS	■ = STEEL / METAL	