

SMALL DIAMETER REINFORCED CUT-OFF



The Norton small diameter cut-off wheel line consists of Type 01/41 straight and Type 27/42 depressed center cut-off wheels from 1-1/2" to 9" diameters. These wheels come in ultra thin .035 for quick burn-free and burr-free cutting to .125" for more durable applications. All are reinforced for the demanding nature of portable cut-off.

Applications: Cutting sheet metal, cutting pipe, and metal fabrication
 Size Range: 1-1/2" - 9" diameter
 Thickness Range: .035, .040, .045, .050, .060, 1/16, .090, 3/32 and .125
 Abrasive Grain: Ceramic Alumina/Zirconia Alumina, Zirconia Alumina/Aluminum Oxide, Aluminum Oxide, Silicon Carbide, Diamond
 Shape: Type 01/41 Straight and Type 27/42 Depressed Center
 Machine Used:



TYPE-TO-APPLICATION RECOMMENDATION GUIDE

Wheel Type/Thickness	Applications	
TYPE 01/41 	Type 01/41 straight cut-off wheels are designed for portable cut-off tool applications. All are supplied with full fiberglass reinforcing.	
.035, .040, .060, and 1/16	Where fast cutting and low kerf loss are desired	■
.125	For tough cutting and notching applications where stability is important	■
TYPE 01/41 RIGHTCUT 	Type 01/41 RightCut straight cut-off wheels are designed for use on right angle grinder cut-off applications. All are supplied with full fiberglass reinforcing.	
.035, .040, .045, .050, 1/16	Where fast cutting and low kerf loss are desired	■
3/32	For tough cutting and notching applications where stability is important	■
TYPE 27/42 RIGHTCUT 	Type 27/42 RightCut depressed center cut-off wheels are designed for use on right angle grinder cut-off applications. Their depressed center shape provides a recess for the hub, which allows flush cutting. All are supplied with full fiberglass reinforcing.	
.040, .045, 1/16	Where fast cutting and low kerf loss are desired	■
3/32, .125	For tough cutting and notching applications where stability is important	■

HOW TO PICK THE RIGHT BOND TYPE

All Purpose	Unmarked	Where an excellent blend of cut rate and life is needed
Free Cut	FC	Where fast stock removal is needed, or the application only allows low-pressure or under-horsepowered grinders
Long Life	LL	Where durability is needed due to severe application, and when horsepower of the grinder allows heavy pressure
Contaminate Free	INOX/SS	Contain <0.1% iron, sulfur or chlorine for rust-free and corrosion-free results; will not contaminate stainless steel
Aluminum	ALU	Specially formulated bond for reduced loading and surface contamination while cutting aluminum and soft materials

SAFETY

Dangerous Pairing: Die Grinders and Cut-off Wheels

While die grinders and cut-off tools may look similar, they are not interchangeable. Small diameter cut-off wheels can be used only on portable cut-off tools. Several crucial differences exist between the two handheld machines.

- Small diameter cut-off wheels must be used on portable cut-off tools with guards for the safety of the operator and bystanders. Also, portable cut-off tool guards prevent use of an oversize wheel.
- These cut-off wheels must be mounted between proper flanges on portable cut-off tools as described in the national safety standard for abrasive wheels, ANSI B7.1. Die grinders make use of a collet for mounting.
- All cut-off wheels must be used at or below their maximum operating speed, marked clearly on the side of the wheel. Die grinders operate above cut-off wheel speeds. Excessive speed can result in breakage and serious personal injury.



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

SMALL DIAMETER REINFORCED CUT-OFF



TIER:

BEST

TRADENAME:

**NORTON NORZON PLUS
RIGHTCUT**

SHAPE:

Type 01/41

ABRASIVE:

Ceramic Alumina/
Zirconia Alumina

MATERIAL:

**STAINLESS
STEEL/METAL**

NEW

BEST

**NORTON DIALAST
RIGHTCUT**

Type 01/41

Diamond

**STAINLESS
STEEL/METAL**

BETTER

**NORTON BLUEFIRE
RIGHTCUT**

Type 01/41

Zirconia Alumina/
Aluminum Oxide

**STAINLESS
STEEL/METAL**

GOOD

**NORTON GEMINI
RIGHTCUT**

Type 01/41

Aluminum Oxide

**STAINLESS
STEEL/METAL**

GOOD

**NORTON METAL
RIGHTCUT**

Type 01/41

Aluminum Oxide

**STAINLESS
STEEL/METAL**

SIZE (D x T x H)	MAX. RPM	STD. PKG.	PART #	PART #	PART #	PART #	PART #
.035", .040", .045", .050", 1/16, and 3/32" Type 01/41 – RightCut Cut-off							
4 x .040 x 5/8	15,280	25					07660701616
4 x .045 x 5/8	15,280	25				66243527956	
4 x 3/32 x 5/8	15,280	25				66243527955	
4-1/2 x .035 x 7/8	13,580	25					66252843846
4-1/2 x .040 x 7/8	13,580	25				66252843225	07660701617
	13,580	50					66253370222
	13,580	250•					66252840001 250-Pk
	13,580	25*					66252842158 5-Pk
4-1/2 x .045 x 7/8	13,580	25	66252830730			66252823602	
	13,580	25				66252841994 ALU	
	13,580	25				66252841997 INOX/SS	
	13,580	250•				66252841213 250-Pk	
	13,580	25*				66252842160 5-Pk	
4-1/2 x .050 x 7/8	13,580	1		66253370016			
4-1/2 x 1/16 x 7/8	13,580	25			66252843208		66252843845
	13,580	25*			66252842159 5-Pk		
	13,580	250•			66253371660		
4-1/2 x 3/32 x 7/8	13,580	25				66252823599	
5 x .040 x 5/8	12,225	25					66252843847
5 x .040 x 7/8	12,225	25				66252843226	07660701618
5 x .045 x 7/8	12,225	25	66252830731			66252823603	
	12,225	25				66252841995 ALU	
	12,225	25				66252841998 INOX/SS	
	12,225	250•				66252841214 250-Pk	
	12,225	25*				66252842170 5-Pk	
5 x .050 x 7/8	12,225	25	66252809829 NZ ThinCut				
	12,225	1		66253370017			
5 x 1/16 x 7/8	12,225	25			66252843209		
	12,225	250•			66253371661		
	12,225	25*			66252842169 5-Pk		
5 x 3/32 x 7/8	12,225	25				66252823600	
6 x .040 x 7/8	10,185	25					07660702757
	10,185	50					66253370223
	10,185	250•					66252841212 250-Pk
6 x .045 x 7/8	10,185	25	66252842008			66252823604	
	10,185	25				66252841996 ALU	
	10,185	25				66252841999 INOX/SS	
	10,185	250•				66252841215 250-Pk	
	10,185	25*			66252842174 5-Pk	66252842175 5-Pk	
6 x .050 x 7/8	10,185	1		66253370018			
6 x 1/16 x 7/8	10,185	25			66252843210		
	10,185	250•			66253371662		
6 x 3/32 x 7/8	10,185	25				66252823601	
7 x .045 x 7/8	8,600	25				66252832323	
	8,600	20				66252842000 INOX/SS	
7 x 1/16 x 7/8	8,600	25	66252900652				
	8,600	1		70184694055			
9 x .060 x 7/8	6,600	1		70184694056			

RightCut wheels are to be used for cutting 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.

• Bulk packed 250 Wheels/carton; 5 inner boxes of 50 wheels each. Order in multiples of 250 wheels.



BlueFire RightCut Right Angle Grinder Cut-off Wheels

- Double your production with the improved performance of Norton BlueFire RightCut right angle grinder wheels
- Gain over 50% more wheel life with our advanced-chemistry blend of zirconia and aluminum oxide abrasives
- Excellent performance/price ratio, with broadest versatility, guaranteed to lower your production costs
- Available in Type 01/41 straight and Type 27/42 depressed center wheels.

And, that's money in the bank!