

# Bonded Abrasives Systems

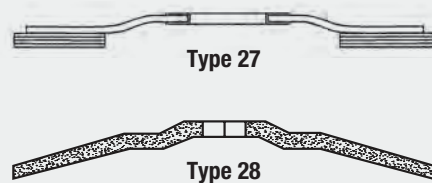


## 3M™ Bonded Wheels

Designed for your toughest grinding and cutting applications, 3M™ Grinding and Cut-Off Wheels are fast cutting and long lasting. Run with 3M™ Grinders or 3M™ Cut-Off Wheel Tools for optimal performance. For use on all metals. **DO NOT USE ON TOOLS WITHOUT GUARDS.**

### 3M™ Bonded Wheels Selection Guide

Bonded Wheel	Mineral	Type	Performance
<b>3M™ Cubitron™ II</b>	Precision Shaped Ceramic	T27	<span style="background-color: #cccccc; padding: 2px;">Premium</span>
<b>3M™ High Performance</b>	Ceramic Abrasive Grain	T27	<span style="background-color: #0070c0; color: white; padding: 2px;">Best</span>
<b>3M™ Green Corps™</b>	Ceramic Abrasive Grain	T27 and T28	<span style="background-color: #e0e0e0; padding: 2px;">Better</span>
<b>3M™ General Purpose</b>	Aluminum Oxide	T27	<span style="background-color: #cc0000; color: white; padding: 2px;">Good</span>



### 3M™ Cubitron™ II Depressed Center Grinding Wheel Type 27

- 3M precision-shaped grain for ultra fast cut and long life
- Cuts with less pressure
- Specially formulated for use on stainless and mild steel
- Cool cutting
- Available with quick change attachment
- **DO NOT USE ON TOOLS WITHOUT GUARDS**



UPC	Dia. x Thk. x AH	Max. RPM	Qty./Case
051115-66598-1	4" x 1/4" x 3/8"	15,300	10/20
051115-66597-4	4" x 1/4" x 5/8"	15,300	10/20
051115-66587-5	4-1/2" x 1/4" x 7/8"	13,300	10/20
051115-66588-2	5" x 1/4" x 7/8"	12,250	10/20
051115-66589-9	6" x 1/4" x 7/8"	10,200	10/20
051115-66590-5	7" x 1/4" x 7/8"	8,500	10/20
051115-66591-2	9" x 1/4" x 7/8"	6,650	10/20
Quick Change			
051115-66596-7	4-1/2" x 1/4" x 5/8-11	13,300	10/20
051115-66592-9	5" x 1/4" x 5/8-11	12,250	10/20
051115-66593-6	6" x 1/4" x 5/8-11	10,200	10/20
051115-66594-3	7" x 1/4" x 5/8-11	8,500	10/20
051115-66595-0	9" x 1/4" x 5/8-11	6,650	10/20

### 3M™ High Performance Depressed Center Grinding Wheel Type 27

- A blend of conventional and precision-shaped grain provides fast cut and long life
- Cuts with less pressure
- Specially formulated for use on stainless and mild steel
- Available with quick change attachment
- **DO NOT USE ON TOOLS WITHOUT GUARDS**



UPC	Dia. x Thk. x AH	Max. RPM	Qty./Case
051115-66555-4	4" x 1/4" x 3/8"	15,300	10/20
051115-66554-7	4" x 1/4" x 5/8"	15,300	10/20
051115-66544-8	4-1/2" x 1/4" x 7/8"	13,300	10/20
051115-66545-5	5" x 1/4" x 7/8"	12,250	10/20
051115-66546-2	6" x 1/4" x 7/8"	10,200	10/20
051115-66547-9	7" x 1/4" x 7/8"	8,500	10/20
051115-66548-6	9" x 1/4" x 7/8"	6,650	10/20
Quick Change			
051115-66553-0	4-1/2" x 1/4" x 5/8-11	13,300	10/20
051115-66549-3	5" x 1/4" x 5/8-11	12,250	10/20
051115-66550-9	6" x 1/4" x 5/8-11	10,200	10/20
051115-66551-6	7" x 1/4" x 5/8-11	8,500	10/20
051115-66552-3	9" x 1/4" x 5/8-11	6,650	10/20

For safe applications using cut-off wheels, refer to ANSI B-7.1 for details. **ALWAYS** use appropriate wheel guards. Refer to ANSI B-186.1 for guarding requirements.

## 3M™ Depressed Center Grinding Wheels

### 3M™ Green Corps™ Type 27 Flexible Grinding Wheel

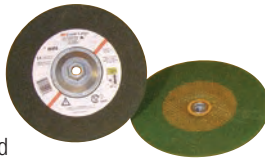
- 3M ceramic abrasive grain
- Can be used on a wide variety of metals
- Smooth running wheels produce less noise and vibration when grinding
- **DO NOT USE ON TOOLS WITHOUT GUARDS**



UPC	Dia. x Thk. x AH	Grade	Max. RPM	Qty./Case
051111-50440-6	4-1/2" x 1/8" x 7/8"	36	13,300	20/40
051111-50442-0	4-1/2" x 1/8" x 7/8"	46	13,300	20/40
051111-50443-7	4-1/2" x 1/8" x 7/8"	60	13,300	20/40
051111-50444-4	4-1/2" x 1/8" x 7/8"	80	13,300	20/40
051111-50445-1	7" x 1/8" x 7/8"	36	8,500	20/20
051111-50446-8	7" x 1/8" x 7/8"	46	8,500	20/20
051111-50447-5	7" x 1/8" x 7/8"	60	8,500	20/20

### 3M™ Green Corps™ Type 27 Depressed Center Wheel

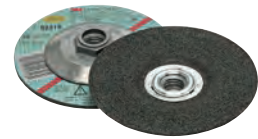
- 3M ceramic abrasive grain
- Provides fast cut and long life
- Use with right angle grinders with a guard
- **DO NOT USE ON TOOLS WITHOUT GUARDS**



UPC	Dia. x Thk. x AH	Grade	Max. RPM	Qty./Case
051111-61010-7	4" x 1/4" x 3/8"	24	15,000	60
051111-55991-8	4-1/2" x 1/4" x 7/8"	24	13,300	40
051111-55992-5	4-1/2" x 1/4" x 7/8"	36	13,300	40
051111-55960-4	4-1/2" x 1/4" x 5/8-11 INT	24	13,300	40
051111-55961-1	4-1/2" x 1/4" x 5/8-11 INT	36	13,300	40
051111-55989-5	7" x 1/4" x 7/8"	24	8,500	20
051111-55990-1	7" x 1/4" x 7/8"	36	8,500	20
051111-55958-1	7" x 1/4" x 5/8-11 INT	24	8,500	20
051111-55959-8	7" x 1/4" x 5/8-11 INT	36	8,500	20
051111-55987-1	9" x 1/4" x 7/8"	24	6,600	20
051111-55956-7	9" x 1/4" x 5/8-11 INT	24	6,600	20

### 3M™ Green Corps™ Type 27 Cutting and Grinding Wheel

- 3M ceramic abrasive grain
- Safe to grind outer face and cut with edge of same wheel
- **DO NOT USE ON TOOLS WITHOUT GUARDS**



UPC	Dia. x Thk. x AH	Grade	Max. RPM	Qty./Case
051135-92316-0	4-1/2" x 1/8" x 7/8"	36	13,300	40
051135-92318-4	4-1/2" x 1/8" x 5/8-11 INT	36	13,300	40
051135-92317-7	7" x 1/8" x 7/8"	36	8,500	20
051135-92319-1	7" x 1/8" x 5/8-11 INT	36	8,500	20

### 3M™ Green Corps™ T-28 Depressed Center Wheel

- Made with 3M ceramic abrasive grain for fast cut rates and long life
- T28 shape works well when grinding at lower tool angles (15-25 degrees)
- Great for weld removal, grinding in tight areas and other MRO applications
- **DO NOT USE ON TOOLS WITHOUT GUARDS**



UPC	Dia. x Thk. x AH	Grade	Max. RPM	Qty./Case
051141-28327-2	7" x 1/4" x 5/8 INT	24	8,500	10

### 3M™ General Purpose Type 27 Wheel

- Aluminum oxide mineral
- Durable wheel provides exceptionally long life at a value price
- Excellent, economical choice for general purpose grinding on steel
- **DO NOT USE ON TOOLS WITHOUT GUARDS**



UPC	Dia. x Thk. x AH	Grade	Max. RPM	Qty./Case
051135-92312-2	4-1/2" x 1/4" x 7/8"	24	13,300	40
051135-92314-6	4-1/2" x 1/4" x 5/8-11 INT	24	13,300	40
051135-92313-9	7" x 1/4" x 7/8"	24	8,500	20
051135-92315-3	7" x 1/4" x 5/8-11 INT	24	8,500	20