

A worker wearing safety glasses and ear protection is using a Tyrolit abrasive tool to grind a metal beam. A large spray of sparks is visible. The Tyrolit logo is in the top right corner.

# TYROLIT

**ABRASIVE PRODUCTS**





## Icons & Information

### APPLICATION ICONS



0-5° grinding,  
brushing,  
drilling &  
mortar raking



30° grinding



90° cutting off

### MATERIAL ICONS



Steel



2-in-1: Steel/Stainless Steel



Stainless Steel: INOX



Cast Materials



Masonry



Aluminum & Non-Ferrous  
Materials



Asphalt



Concrete



PVC

### MACHINE ICONS



Angle Grinder



Straight Grinder



Bench Grinder



Hand-Guided



Low HP  
Walk Behind Saw



Angle Grinder



High Speed Saw



Chop Saw



Portable Electric  
Saw



Stationary Saw

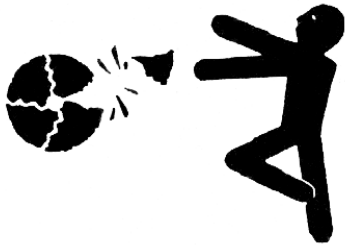
# ABRASIVES SAFETY INFORMATION

**These are general warnings and safety information. Please consult literature and packaging information before using abrasive products.**

## Handle Grinding Wheels Safety

Safety is everyone's business in both the application and care of grinding wheels. Wheels improperly used may not only be breakable—they can be dangerous. Grinding wheel operation must always be in strict compliance with the American National Standards Institute (ANSI) B7.1 Safety Requirements and the Occupational Safety and Health Act which regulates speed; safety guards; flanges; mounting procedures; general operating rules; handling, storage and inspection; and general machine conditions.

### WARNING!!!



**IMPROPER USE MAY CAUSE GRINDING WHEEL BREAKAGE AND SERIOUS INJURY.**

CAUTION: Comply with American National Standards Institute Code B7.7, Occupational Safety and Health Act and Safety Guide with Packaging.

**DON'T OVERSPEED, ABUSE, OR DROP  
WHEEL ALWAYS USE A GUARD, PERSONAL PROTECTIVE  
EQUIPMENT AND PROPER MOUNTING PROCEDURES.**

#### DO :

1. DO always HANDLE AND STORE wheels in a careful manner.
2. DO VISUALLY INSPECT all wheels for possible damage before mounting.
3. DO MAKE SURE MACHINE SPEED does not exceed MAXIMUM OPERATING SPEED marked on wheel or its container.
4. DO CHECK MOUNTING FLANGES for equal size, relieved as required and correct diameter. (Should be at least 1/3 diameter of the wheel.)
5. DO USE MOUNTING BLOTTERS supplied with wheels.
6. DO be sure WORK REST is properly adjusted on bench and floor stand grinders. (Should be center of wheel or above and no more than 1/8" away from wheel.)
7. DO always USE A PROPERLY DESIGNED SAFETY GUARD covering at least on half of the grinding wheel.
8. DO allow WHEELS to run at operating speed, with guard in place, for at least one minute before grinding.
9. DO always WEAR SAFETY GLASSES or equivalent proper eye protection when grinding.
10. DO TURN OFF COOLANT before stopping wheel to avoid creating an out-of-balance condition.
11. DO make sure work is held FIRMLY in place. CLAMP work when using non-reinforced cut-off wheels.
12. DO CHECK THE SPEED OF THE GRINDER as recommended in ANSI B7.1 Safety Requirements.

### WARNING!!!

**AIRBORNE PARTICULATES AND FUMES GENERATED BY THE GRINDING PROCESS MAY CAUSE INJURY TO THE EYES AND SKIN AND SERIOUS RESPIRATORY ILLNESS.**



These airborne concentrations are produced by the material being ground, the coolant and the grinding wheel. Consult the **MATERIAL SAFETY DATA SHEETS** for each material involved in the process. Always use adequate ventilation, dust control and NIOSH and MSHA approved personal protective equipment appropriate for the grinding process involved.

#### DON'T :

1. DON'T use a wheel that HAS BEEN DROPPED or DAMAGED or appears to have been abused.
2. DON'T FORCE a wheel onto the machine OR ALTER the size of the mounting hole-if wheel won't fit the machine, get one that will.
3. DON'T ever EXCEED MAXIMUM OPERATING SPEED established for the wheel.
4. DON'T use mounting flanges on which the bearing surfaces ARE NOT CLEAN, FLAT AND FREE FROM BURRS.
5. DON'T TIGHTEN the mounting nut EXCESSIVELY.
6. DON'T grind on the SIDE OF THE WHEEL unless wheel is specifically designed for that purpose. (See the current ANSI B7.1 Safety Requirements for exceptions.)
7. DON'T start the machine until the WHEEL GUARD IS IN PLACE.
8. DON'T STAND DIRECTLY IN FRONT of a grinding wheel whenever a grinder is started.
9. DON'T grind without proper ventilation and personal protective equipment. (See ANSI B7.1)
10. DON'T grind material for which the WHEEL IS NOT DESIGNED.
11. DON'T JAM work into the wheel. NEVER JAM, TWIST, BEND OR TILT a cut-off wheel when cutting.
12. DON'T GRIND with a machine that vibrates excessively.



**Type 27**



### Tyrolit PREMIUM 2 in 1 Wheels for Steel and Stainless Steel-Type 27



- Aluminum oxide grain
- High performance, aggressive, fast cutting
- Designed for cutting steel and stainless steel
- For cutting solid materials, tubes, profiles and thin-wall materials
- Contaminate-free/iron, sulfur and chlorine <0.1%

★★★

| SIZE                  | Specification | Max Safe RPM | Material # | Cat # | Unit Pkg. Qty. | List Price |
|-----------------------|---------------|--------------|------------|-------|----------------|------------|
| 4-1/2" x 3/32" x 7/8" | A30Q-BFXA     | 13280        | 34162799   | 43675 | 25             | \$3.32     |
| 5" x 3/32" x 7/8"     | A30Q-BFXA     | 12220        | 34162811   | 80162 | 25             | \$4.01     |



**30°**

**Right Angle  
Grinder**



### Tyrolit BASIC Wheels for General Purpose Use-Steel-Type 27



- Aluminum oxide grain
- General purpose cutting/light grinding wheels for steel
- Good cut rate and wheel life
- For all cross sections

★

| SIZE                    | Specification | Max Safe RPM | Material # | Cat # | Unit Pkg. Qty. | List Price |
|-------------------------|---------------|--------------|------------|-------|----------------|------------|
| 4" x 1/8" x 3/8"        | A30BF         | 15270        | 34301902   | 92401 | 10             | \$1.99     |
| 4" x 1/8" x 5/8"        | A30BF         | 15270        | 34301904   | 62999 | 10             | \$1.99     |
| 4-1/2" x 1/8" x 7/8"    | A30BF         | 13280        | 34301921   | 36885 | 10             | \$2.39     |
| 4-1/2" x 1/8" x 5/8"-11 | A30BF         | 13280        | 34301910   | 47621 | 5              | \$4.50     |
| 5" x 1/8" x 7/8"        | A30BF         | 12220        | 34301938   | 92402 | 10             | \$2.87     |
| 5" x 1/8" x 5/8"-11     | A30BF         | 12220        | 34312946   | 92403 | 5              | \$5.18     |
| 7" x 1/8" x 7/8"        | A30BF         | 8600         | 34301955   | 92438 | 10             | \$4.36     |
| 7" x 1/8" x 5/8"-11     | A30BF         | 8600         | 34301954   | 62992 | 5              | \$7.67     |
| 9" x 1/8" x 7/8"        | A30BF         | 6640         | 34301968   | 86495 | 10             | \$6.17     |
| 9" x 1/8" x 5/8"-11     | A30BF         | 6640         | 34301966   | 92439 | 5              | \$9.73     |



**90°**

**Right Angle  
Grinder**



### Tyrolit BASIC Wheels for General Purpose Use- Concrete/Masonry-Type 27



- Silicon carbide grain
- General purpose cutting/light grinding wheels for concrete, masonry and stone
- Good cutting rate and wheel life
- High side stability for difficult applications

★

| SIZE                    | Specification | Max Safe RPM | Material # | Cat # | Unit Pkg. Qty. | List Price |
|-------------------------|---------------|--------------|------------|-------|----------------|------------|
| 4-1/2" x 1/8" x 7/8"    | C30BF         | 13280        | 34301923   | 45185 | 10             | \$2.44     |
| 4-1/2" x 1/8" x 5/8"-11 | C30BF         | 13280        | 34301922   | 92440 | 5              | \$4.50     |





**Tyrolit PREMIUM 2 in 1 Wheels for Steel and Stainless Steel-Pipeline Applications-Type 27**



- Aluminum oxide grain
- High performance, aggressive and fast cutting/light grinding/notching wheels
- Designed for both steel and stainless steel
- Contaminate-free iron, sulfur and chlorine, <0.1%

★ ★ ★



**Type 27**

| SIZE                  | Specification | Max Safe RPM | Material # | Cat # | Unit Pkg. Qty. | List Price |
|-----------------------|---------------|--------------|------------|-------|----------------|------------|
| 4-1/2" x 1/8" x 5/8"  | A30QBFX       | 13280        | 771406     | 51898 | 10             | \$4.38     |
| 4-1/2"x1/8" x 5/8"-11 | A30QBFX       | 13280        | 898115     | 67133 | 5              | \$6.75     |
| 5" x 1/8" x 7/8"      | A30QBFX       | 12220        | 771410     | 71142 | 10             | \$5.65     |
| 7" x 1/8" x 7/8"      | A30QBFX       | 8600         | 771422     | 61015 | 10             | \$7.81     |
| 7" x 1/8" x 5/8"-11   | A30QBFX       | 8600         | 898116     | 65108 | 5              | \$11.02    |
| 9" x 1/8" x 7/8"      | A30QBFX       | 6640         | 771430     | 81071 | 10             | \$11.07    |
| 9" x 1/8" x 5/8"-11   | A30QBFX       | 6640         | 898118     | 65412 | 10             | \$13.49    |



**30°  
Angle Grinder**



**Tyrolit PREMIUM Pipeliner Plus Wheels for Steel and Cast Materials-Type 27**



- High quality zirconia alumina grain
- High performance, aggressive, fast cutting, light grinding and notching
- Designed specifically for the pipeline industry
- For the most demanding applications
- Designed for both steel and stainless

★ ★ ★



**90°**

**Right Angle  
Grinder**

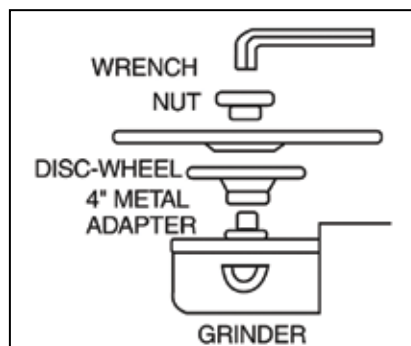
| SIZE                    | Specification | Max Safe RPM | Material # | Cat # | Unit Pkg. Qty. | List Price |
|-------------------------|---------------|--------------|------------|-------|----------------|------------|
| 4-1/2" x 1/8" x 7/8"    | ZA24-BF       | 13280        | 352336     | 27007 | 10             | \$5.11     |
| 4-1/2" x 1/8" x 5/8"-11 | ZA24-BF       | 13280        | 352334     | 27012 | 5              | \$8.65     |
| 5" x 1/8" x 7/8"        | ZA24-BF       | 12220        | 356632     | 27015 | 10             | \$5.82     |
| 5" x 1/8" x 5/8"-11     | ZA24-BF       | 12220        | 356633     | 27022 | 5              | \$9.27     |
| 7" x 1/8" x 7/8"        | ZA24-BF       | 8600         | 352339     | 27023 | 10             | \$11.47    |
| 7" x 1/8" x 5/8"-11     | ZA24-BF       | 8600         | 352338     | 27024 | 5              | \$16.19    |
| 9" x 1/8" x 7/8"        | ZA24-BF       | 6640         | 352341     | 27025 | 10             | \$18.30    |
| 9" x 1/8" x 5/8"-11     | ZA24-BF       | 6640         | 352340     | 27033 | 5              | \$22.21    |

**Reusable Metal Adapter Flanges  
for Dish Wheels**

| Type    | Spec  | Material # | Cat # | List Price |
|---------|-------|------------|-------|------------|
| Adapter | SF113 | 20007845   | 59242 | \$44.22    |
| Nut     | S113  | 20007890   | 59602 | \$19.81    |

**Reusable Metal Adapter Flanges**

All 7" and 9" raised hub dish wheels, except those with ready mount adapters, require mounting with properly designed adapter flanges.





### Tyrolit BASIC Wheels for Concrete/Masonry- Type 27



- Silicon carbide grain
- General purpose wheel for rough grinding of concrete, masonry and stone
- Very good stock removal rates and wheel life



| SIZE                    | Specification | Max Safe RPM | Material # | Cat # | Unit Pkg. Qty. | List Price |
|-------------------------|---------------|--------------|------------|-------|----------------|------------|
| 4" x 1/4" x 5/8"        | C30BF         | 15270        | 34301908   | 92397 | 5              | \$2.61     |
| 4-1/2" x 1/4" x 7/8"    | C30BF         | 13280        | 34301929   | 63034 | 10             | \$2.74     |
| 4-1/2" x 1/4" x 5/8"-11 | C30BF         | 13280        | 34301927   | 92442 | 5              | \$5.35     |
| 5" x 1/4" x 7/8"        | C30BF         | 12220        | 34301945   | 92473 | 10             | \$4.09     |
| 5" x 1/4" x 5/8"-11     | C30BF         | 12220        | 34301944   | 92493 | 5              | \$6.07     |
| 7" x 1/4" x 7/8"        | C30BF         | 8600         | 34301961   | 68759 | 10             | \$5.52     |
| 7" x 1/4" x 5/8"-11     | C30BF         | 8600         | 34301960   | 92494 | 5              | \$9.00     |
| 9" x 1/4" x 7/8"        | C30BF         | 6640         | 34342489   | 92495 | 10             | \$8.06     |
| 9" x 1/4" x 5/8"-11     | C30BF         | 6640         | 34301982   | 92496 | 5              | \$11.91    |



Type 27



30°

Angle Grinder



### Tyrolit BASIC Wheels for Steel-Type 27



- Aluminum oxide grain
- General purpose wheel for ferrous metals; surface or edge grinding
- Very good stock removal rates and wheel life



| SIZE                    | Specification | Max Safe RPM | Material # | Cat # | Unit Pkg. Qty. | List Price |
|-------------------------|---------------|--------------|------------|-------|----------------|------------|
| 3" x 1/4" x 3/8"        | A30BF         | 18000        | 34301986   | 45190 | 10             | \$1.93     |
| 4" x 1/4" x 3/8"        | A30BF         | 15270        | 34301905   | 36892 | 10             | \$1.93     |
| 4" x 1/4" x 5/8"        | A30BF         | 15270        | 34301907   | 53948 | 10             | \$1.93     |
| 4-1/2" x 1/4" x 7/8"    | A30BF         | 13280        | 34301926   | 92497 | 10             | \$2.74     |
| 4-1/2" x 1/4" x 5/8"-11 | A30BF         | 13280        | 34301924   | 50020 | 5              | \$5.11     |
| 5" x 1/4" x 7/8"        | A30BF         | 12220        | 34301943   | 92506 | 10             | \$3.46     |
| 5" x 1/4" x 5/8"-11     | A30BF         | 12220        | 34301942   | 37439 | 5              | \$5.78     |
| 6" x 1/4" x 7/8"        | A30BF         | 10200        | 34301952   | 82414 | 10             | \$4.39     |
| 6" x 1/4" x 5/8"-11     | A30BF         | 10200        | 34301951   | 92525 | 5              | \$7.11     |
| 7" x 1/4" x 7/8"        | A30BF         | 8600         | 34301959   | 68780 | 10             | \$4.88     |
| 7" x 1/4" x 5/8"-11     | A30BF         | 8600         | 34301958   | 79140 | 5              | \$8.63     |
| 9" x 1/4" x 7/8"        | A30BF         | 6640         | 34301981   | 79422 | 10             | \$7.27     |
| 9" x 1/4" x 5/8"-11     | A30BF         | 6640         | 34301970   | 92528 | 5              | \$10.84    |



### Tyrolit PREMIUM 2 in 1 Wheels for Steel and Stainless Steel-Type 27



- Aluminum oxide grain
- High performance rough grinding wheels designed especially for steel and stainless steel
- Excellent stock removal rates and exceptional wheel life
- Contaminate-free iron/sulfur and chlorine, <0.1%



| SIZE                 | Specification | Max Safe RPM | Material # | Cat # | Unit Pkg. Qty. | List Price |
|----------------------|---------------|--------------|------------|-------|----------------|------------|
| 4-1/2" x 1/4" x 7/8" | A30Q-BFXA     | 13280        | 34251162   | 44553 | 10             | \$4.97     |
| 5" x 1/4" x 7/8"     | A30Q-BFXA     | 12220        | 34251163   | 58216 | 10             | \$5.79     |
| 7" x 1/4" x 7/8"     | A30Q-BFXA     | 8600         | 34251165   | 68817 | 10             | \$8.86     |
| 7" x 1/4" x 5/8"-11  | A30Q-BFXA     | 8600         | 34251268   | 94196 | 5              | \$10.30    |
| 9" x 1/4" x 7/8"     | A30Q-BFXA     | 6640         | 34251166   | 36838 | 10             | \$13.13    |
| 9" x 1/4" x 5/8"-11  | A30Q-BFXA     | 6640         | 34251269   | 51624 | 5              | \$14.73    |



### Tyrolit BASIC High Performance Zirconia Wheels for Steel & Cast Materials-Type 27



- Zirconia alumina grain
- High performance grinding wheel for the most demanding applications
- Highest stock removal rates and ultimate wheel life
- Designed for ferrous metals, stainless steel and cast materials



| SIZE                    | Specification | Max RPM | Material # | Cat # | Unit Pkg. Qty. | List Price |
|-------------------------|---------------|---------|------------|-------|----------------|------------|
| 4" x 1/4" x 3/8"        | ZA30BF        | 15270   | 34337104   | 92128 | 10             | \$7.65     |
| 4-1/2" x 1/4" x 7/8"    | ZA30BF        | 13280   | 34301936   | 92755 | 10             | \$7.93     |
| 4-1/2" x 1/4" x 5/8"-11 | ZA30BF        | 13280   | 34301934   | 92851 | 5              | \$9.39     |
| 5" x 1/4" x 7/8"        | ZA30BF        | 12220   | 34301949   | 92129 | 10             | \$9.52     |
| 5" x 1/4" x 5/8"-11     | ZA30BF        | 12220   | 34301948   | 92130 | 5              | \$7.33     |
| 7" x 1/4" x 7/8"        | ZA30BF        | 8600    | 34301964   | 92153 | 10             | \$11.94    |
| 7" x 1/4" x 5/8"-11     | ZA30BF        | 8600    | 34301962   | 48463 | 5              | \$14.03    |
| 9" x 1/4" x 7/8"        | ZA30BF        | 6640    | 34301984   | 79650 | 10             | \$16.34    |
| 9" x 1/4" x 5/8"-11     | ZA30BF        | 6640    | 34301983   | 47624 | 5              | \$18.38    |

Type 27



Right Angle  
Grinder



### Tyrolit BASIC Grinding Wheels for Steel-Type 28



- Zirconia alumina grain
- High performance grinding wheel for the most demanding applications
- Highest stock removal rates and ultimate wheel life
- Designed for ferrous metals, stainless steel and cast materials
- Type 28 saucer shape provides greater surface area coverage and provides the operator with better grinding visibility



| SIZE                | Specification | Max RPM | Material # | Cat # | Unit Pkg. Qty. | List Price |
|---------------------|---------------|---------|------------|-------|----------------|------------|
| 7" x 1/4" x 7/8"    | A30BF         | 8600    | 34301990   | 92867 | 10             | \$7.68     |
| 7" x 1/4" x 5/8"-11 | A30BF         | 8600    | 34301989   | 93133 | 5              | \$10.28    |
| 9" x 1/4" x 7/8"    | A30BF         | 6640    | 34337106   | 93132 | 10             | \$12.58    |
| 9" x 1/4" x 5/8"-11 | A30BF         | 6640    | 34302023   | 68455 | 10             | \$15.30    |

Type 28



Right Angle  
Grinder



### Tyrolit BASIC Raised Hub Dish Wheels for Concrete/Masonry-Type 28



- Zirconia alumina grain
- High performance grinding wheel for the most demanding applications
- Very good stock removal rates and wheel life
- Type 28 saucer shape provides greater surface area coverage and provides the operator with better grinding visibility



| SIZE                | Specification | Max RPM | Material # | Cat # | Unit Pkg. Qty. | List Price |
|---------------------|---------------|---------|------------|-------|----------------|------------|
| 7" x 1/4" x 7/8"    | C30BF         | 8600    | 34302022   | 93135 | 10             | \$8.06     |
| 7" x 1/4" x 5/8"-11 | C30BF         | 8600    | 34302021   | 47631 | 5              | \$10.31    |
| 9" x 1/4" x 7/8"    | C30BF         | 6640    | 34337108   | 47329 | 10             | \$13.21    |
| 9" x 1/4" x 5/8"-11 | C30BF         | 6640    | 34302024   | 36884 | 5              | \$15.45    |



### Tyrolit PREMIUM Grinding Wheels for Aluminum & Non-Ferrous Materials-Type 27



- Aluminum Oxide Grain
- High performance, rough grinding wheels for non-ferrous metals
- No loading
- For surface and edge grinding
- Contaminant-free/iron, sulfur and chlorine <0.1%



| SIZE                    | Specification | Max RPM | Material # | Cat # | Unit Pkg. Qty. | List Price |
|-------------------------|---------------|---------|------------|-------|----------------|------------|
| 4-1/2" x 1/4" x 7/8"    | A36NBFX       | 13280   | 773067     | 42538 | 10             | \$7.27     |
| 4-1/2" x 1/4" x 5/8"-11 | A36NBFX       | 13280   | 913325     | 68797 | 5              | \$8.14     |
| 7" x 1/4" x 5/8"-11     | A36NBFX       | 8600    | 913331     | 68538 | 5              | \$13.23    |

Type 27

# SUPER-THIN CUT-OFF WHEELS

## Type 1



90°

Right Angle  
Grinder



### Tyrolit BASIC Wheels for INOX, Steel & Stainless Steel-Type 1



- Aluminum oxide grain
- General purpose wheel for cutting INOX, steel and stainless steel
- For cutting thin-wall metal sheets, profiles and tubes
- Good cutting rates and wheel life
- Excellent price/performance ratio
- Contaminate-free of iron, sulfur and chlorine, <0.1%

★

| SIZE                 | Specification | Max RPM | Material # | Cat # | Unit Pkg. Qty. | List Price |
|----------------------|---------------|---------|------------|-------|----------------|------------|
| 4" x .040 x 5/8"     | A60-BF        | 15270   | 34163027   | 75612 | 25             | \$2.76     |
| 4-1/2" x .040 x 7/8" | WA60-BF       | 13280   | 396110     | 47413 | 25             | \$2.29     |
| 4-1/2" x .060 x 7/8" | WA60-BF       | 13280   | 222899     | 10001 | 25             | \$2.51     |
| 5" x .040 x 7/8"     | WA60-BF       | 12220   | 34162827   | 47553 | 25             | \$3.11     |
| 6" x .045 x 7/8"     | WA60-BF       | 10200   | 34331611   | 44552 | 25             | \$2.83     |



### Tyrolit PREMIUM 2 in 1 Wheels for Steel & Stainless Steel-Type 1



- Premium aluminum oxide grain
- Aggressive, fast cutting wheels for steel and stainless steel
- Very good wheel life
- Contaminate-free of iron, sulfur, chlorine, <0.1%

★★★

| SIZE                 | Specification | Max RPM | Material # | Cat # | Unit Pkg. Qty. | List Price |
|----------------------|---------------|---------|------------|-------|----------------|------------|
| 4" x .040 x 5/8"     | A60Q-BF       | 15270   | 34163027   | 75612 | 25             | \$2.76     |
| 4-1/2" x .040 x 7/8" | A60Q-BFXA     | 13280   | 34162818   | 54078 | 25             | \$3.18     |
| 4-1/2" x .060 x 7/8" | A46Q-BFXA     | 13280   | 34162820   | 51002 | 25             | \$2.94     |
| 5" x .040 x 7/8"     | A60Q-BFXA     | 12220   | 34162819   | 57419 | 25             | \$2.89     |
| 5" x .060 x 7/8"     | A46Q-BFXA     | 12220   | 34162821   | 80223 | 25             | \$3.21     |
| 6" x .045 x 7/8"     | A60Q-BFXA     | 10200   | 34331319   | 39135 | 25             | \$3.66     |
| 6" x .060 x 7/8"     | A46Q-BFXA     | 10200   | 34162823   | 47582 | 25             | \$4.76     |
| 7" x .060 x 7/8"     | A46Q-BFXA     | 8600    | 34162825   | 48490 | 25             | \$4.57     |
| 9" x .075 x 7/8"     | A46Q-BFXA     | 6640    | 34331346   | 50168 | 25             | \$6.16     |

## Type 27



Right Angle  
Grinder



### Tyrolit BASIC Wheels for INOX, Steel & Stainless Steel-Type 27



- Aluminum oxide grain
- General purpose wheel for cutting INOX, steel and stainless steel
- Good cutting rates and wheel life
- Excellent price/performance ratio
- Contaminate-free of iron, sulfur and chlorine, <0.1%

★

| SIZE                 | Specification | Max RPM | Material # | Cat # | Unit Pkg. Qty. | List Price |
|----------------------|---------------|---------|------------|-------|----------------|------------|
| 4-1/2" x .040 x 7/8" | WA60BF        | 13280   | 34331624   | 93214 | 25             | \$2.49     |



# SUPER-THIN CUT-OFF WHEELS



## Tyrolit PREMIUM Long Life Wheels for Steel-Type 1



- Aluminum oxide grain
- High performance cut-off wheels designed especially for steel
- Hard "S" bond provides exceptionally long life

★★★

| SIZE                 | Specification | Max RPM | Material # | Cat # | Unit Pkg. Qty. | List Price |
|----------------------|---------------|---------|------------|-------|----------------|------------|
| 4-1/2" x .040 x 7/8" | A60S-BFXA     | 13280   | 34163158   | 41769 | 25             | \$2.76     |
| 4-1/2" x .060 x 7/8" | A46S-BFXA     | 13280   | 34163160   | 41787 | 25             | \$2.55     |
| 5" x .040 x 7/8"     | A60S-BFXA     | 12220   | 34163159   | 67659 | 25             | \$2.89     |
| 5" x .060 x 7/8"     | A46S-BFXA     | 12220   | 34163161   | 72927 | 25             | \$3.21     |

### Type 1



90°

### Right Angle Grinder

#### WHY USE SUPER-THIN?

- Ease of operation
- Clean cutting surfaces
- Shorter cutting times minimal burring
- Less cutting waste and dust
- Reduced machine load
- Suitable for various materials



## Tyrolit PREMIUM INOX Super-Thin-Cut-Off Wheels for Stainless Steel-Type 1



- Aluminum oxide grain
- Ultimate performance characteristics in cutting material made of rust and acid resistant steels
- Contaminate-free of iron, sulfur and chlorine, <0.1%

★★★

| SIZE                 | Specification | Max RPM | Material # | Cat # | Unit Pkg. Qty. | List Price |
|----------------------|---------------|---------|------------|-------|----------------|------------|
| 4-1/2" x .040 x 7/8" | A60R-BFXA     | 13280   | 34163117   | 45589 | 25             | \$3.27     |
| 4-1/2" x .060 x 7/8" | A46R-BFXA     | 13280   | 34163135   | 83627 | 25             | \$3.46     |
| 5" x .040 x 7/8"     | A60R-BFXA     | 12220   | 34163134   | 61054 | 25             | \$3.38     |
| 5" x .060 x 7/8"     | A46R-BFXA     | 12220   | 34163136   | 66559 | 25             | \$3.76     |
| 6" x .045 x 7/8"     | A46R-BRXA     | 10200   | 34163138   | 46662 | 25             | \$4.22     |
| 7" x .060 x 7/8"     | A46R-BFXA     | 8600    | 34163140   | 41133 | 25             | \$5.94     |



## Tyrolit PREMIUM ULTRA-THIN Disc for INOX, Steel & Stainless Steel-NEXT GENERATION-Type 1



- Tyrolit's best performing wheel for stainless steel as well as carbon steel
- Significant increase in wheel life and cutting ability
- Short cutting time, extremely free cutting, rough side-surfaces
- Improved first-cut behavior offering free cutting from the start
- Superior wear out behavior with stable cutting ability over entire diameter
- Less noise and vibration
- Perfect exploitation of raw material leaving 30% less cutting dust.
- Forgiving flexibility

★★★

| SIZE                 | Specification | Max RPM | Material # | Cat # | Unit Pkg. Qty. | List Price |
|----------------------|---------------|---------|------------|-------|----------------|------------|
| 4-1/2" x .040 x 7/8" | A60R-BFKA     | 13280   | 34163152   | 81680 | 25             | \$3.75     |
| 5" x .040 x 7/8"     | A60R-BFKA     | 12220   | 34163153   | 47326 | 25             | \$4.22     |

### Type 1



### Right Angle Grinder



## Tyrolit PREMIUM ULTRA-THIN 2-in-1 Wheels for Steel & Stainless Steel-NEXT GENERATION -Type 1



- Two applications with one wheel; excellent performance in both stainless and carbon steel.
- Significant increase in wheel life and cutting ability
- Short cutting time, extremely free cutting, rough side-surfaces
- Improved first-cut behavior offering free cutting from the start
- Superior wear out behavior with stable cutting ability over entire diameter
- Less noise and vibration
- Perfect exploitation of raw material leaving 30% less cutting dust.
- Forgiving flexibility

★★★

| SIZE                 | Specification | Max RPM | Material # | Cat # | Unit Pkg. Qty. | List Price |
|----------------------|---------------|---------|------------|-------|----------------|------------|
| 4-1/2" x .040 x 7/8" | A60Q-BFKA     | 13280   | 34332928   | 77263 | 25             | \$3.57     |
| 5" x .040 x 7/8"     | A60Q-BFKA     | 12220   | 34332929   | 79285 | 25             | \$3.68     |

#### What is Next Generation?

Next generation cut-off discs increase productivity significantly, will help you get a lot more done with a lot less waste. And at the same time preserve your resources. Up to 30% higher performance.

# SUPER-THIN CUT-OFF WHEELS

Type 1



90°

Right Angle  
Grinder



## Tyrolit PREMIUM Super Thin Cutting Wheels for Aluminum & Stone-Type 1



- Silicon carbide grain
- High performance cut-off wheels especially for aluminum, concrete and stone
- Fast cutting times on aluminum, bronze, aluminum alloys, copper, brass, nickel, and titanium.
- Also suitable for cutting masonry materials
- Consistent free cutting wheel utilizing a non-loading bond.

★ ★ ★

| SIZE                 | Specification | Max RPM | Material # | Cat # | Unit Pkg. Qty. | List Price |
|----------------------|---------------|---------|------------|-------|----------------|------------|
| 4-1/2" x .040 x 7/8" | C46S-BFXA     | 13280   | 337383     | 14271 | 25             | \$2.87     |

Type 27



Right Angle  
Grinder



## Tyrolit PREMIUM 2 in 1 Wheels for Steel & Stainless Steel-Type 27



- Aluminum oxide grain
- Ultimate performance characteristics in cutting material made of rust and acid resistant steels
- Contaminate-free of iron, sulfur and chlorine, <0.1%
- Depressed center configuration

★ ★ ★

| SIZE                 | Specification | Max RPM | Material # | Cat # | Unit Pkg. Qty. | List Price |
|----------------------|---------------|---------|------------|-------|----------------|------------|
| 4-1/2" x .060 x 7/8" | A60Q-BFXA     | 13280   | 34332928   | 77263 | 25             | \$3.57     |
| 5" x .040 x 7/8"     | A60Q-BFXA     | 12220   | 34332929   | 79285 | 25             | \$3.68     |
| 5" x .060 x 7/8"     | A60Q-BFXA     | 12220   | 34332929   | 79285 | 25             | \$3.68     |
| 6" x .045 x 7/8"     | A60Q-BFXA     | 10200   | 34332930   | 47672 | 25             | \$3.90     |



## Tyrolit PREMIUM INOX Wheels for Stainless Steel & Acid-Resistant Steel-Type 27



- Aluminum oxide grain
- Ultimate performance wheel for cutting steel and stainless steel
- For cutting thin-wall metal sheets, profiles and tubes
- Contaminate-free of iron, sulfur and chlorine, <0.1%
- Depressed center configuration

★ ★ ★

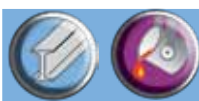
| SIZE                 | Specification | Max RPM | Material # | Cat # | Unit Pkg. Qty. | List Price |
|----------------------|---------------|---------|------------|-------|----------------|------------|
| 4-1/2" x .045 x 7/8" | TA60P-BFXA    | 13280   | 34332928   | 77263 | 25             | \$3.57     |
| 5" x .045 x 7/8"     | TA60P-BFXA    | 12220   | 34332929   | 79285 | 25             | \$3.68     |

Type 27



Right Angle  
Grinder

# SMALL DIAMETER CUT-OFF WHEELS



## Tyrolit BASIC Small Diameter Cut-Off Wheels - Side Reinforced for Steel and Cast Materials-Type 1



- Aluminum oxide grain
- General purpose cutting wheel for all metals
- Side reinforced for increased life
- For cutting thinwall material and deburring
- **A36** for fast cutting on rough applications
- **A60** for smooth, burr-free cuts



Type 1



**Straight grinder**

| SIZE              | Max RPM | Coarse A36 Material # | Coarse A36 Cat # | Pkg Qty | Med/Fine A60 Material # | Med/Fine A60 Cat # | Pkg Qty | List Price |
|-------------------|---------|-----------------------|------------------|---------|-------------------------|--------------------|---------|------------|
| 3" x 1/16" x 1/4" | 25,000  | 34312842              | 50038            | 100     | 34312887                | 93368              | 40      | \$1.66     |
| 3" x 1/16" x 3/8" | 25,000  | 34312843              | 93298            | 40      | 34312888                | 44557              | 40      | \$1.66     |
| 3" x 3/32" x 1/4" | 25,000  | 34312844              | 79373            | 25      | 34312890                | 93378              | 25      | \$1.74     |
| 3" x 3/32" x 3/8" | 25,000  | 34312846              | 54079            | 50      | 34312892                | 93813              | 50      | \$1.74     |
| 3" x 1/8" x 3/8"  | 25,000  | 34312848              | 93340            | 50      | 34312895                | 93814              | 50      | \$2.15     |
| 4" x 1/16" x 1/4" | 19,100  | 34312855              | 93362            | 40      | 34312904                | 93815              | 100     | \$2.36     |
| 4" x 1/16" x 3/8" | 19,100  | 34312856              | 93364            | 40      | 34312905                | 47628              | 100     | \$2.36     |
| 4" x 1/16" x 5/8" | 19,100  | 34312857              | 79401            | 40      | 34312908                | 93816              | 40      | \$2.36     |
| 4" x 1/8" x 3/8"  | 19,100  | 34312859              | 93367            | 25      | 34312925                | 93817              | 50      | \$2.48     |

### 1/4" Metal Adapter

| Part #   | Cat # | List Price |
|----------|-------|------------|
| 20010606 | 70030 | \$14.07    |

### 3/8" Metal Adapter

| Part #   | Cat # | List Price |
|----------|-------|------------|
| 20010607 | 70031 | \$17.61    |



## Tyrolit BASIC Portable Electric Saw Wheels for Steel-Type 1



- Aluminum oxide grain
- Designed for cutting all ferrous metals (or masonry, concrete option) with portable circular saws
- General purpose wheel with good cut rates and life
- Integrated diamond knockout adapter



| SIZE                                                   | Specification | Max RPM | Material # | Cat # | Unit Pkg. Qty. | List Price |
|--------------------------------------------------------|---------------|---------|------------|-------|----------------|------------|
| 7" x 1/8" x 5/8"                                       | A30BF         | 8600    | 34301855   | 93818 | 25             | \$3.62     |
| 8" x 1/8" x 5/8"                                       | A30BF         | 7650    | 34301859   | 93848 | 25             | \$4.60     |
| <b>Portable Electric Saw Wheels for Masonry-Type 1</b> |               |         |            |       |                |            |
| 7" x 1/8" x 5/8"                                       | C30BF         | 8600    | 34301858   | 45189 | 25             | \$3.77     |



Type 1



**Electric Circular Saw**



## Tyrolit BASIC Chop Saw Wheels for Steel-Type 1



- **Single Reinforced-General Purpose**-fast, burr-free cuts in metal and cutting steel studs, rebar and lighter gauge metals
- **Double Reinforced-Premium**-Suited for cutting steel studs
- Also good for rebar and lighter gauge metals. Fast cutting and very good wheel life



Type 1



**Chop Saw  
Low HP Machines**

| <b>Single Reinforced-General Purpose</b> |               |         |            |       |                |            |
|------------------------------------------|---------------|---------|------------|-------|----------------|------------|
| SIZE                                     | Specification | Max RPM | Material # | Cat # | Unit Pkg. Qty. | List Price |
| 12" x 7/64" x 1"                         | A36BF         | 5100    | 34301875   | 93857 | 10             | \$6.57     |
| 14" x 7/64" x 1"                         | A36BF         | 4400    | 34301893   | 93890 | 10             | \$7.69     |
| <b>Double Reinforced-Premium</b>         |               |         |            |       |                |            |
| 12" x 3/32" x 1"                         | A36BF         | 5100    | 34301872   | 37503 | 10             | \$8.01     |
| 14" x 3/32" x 1"                         | A36BF         | 4400    | 34301891   | 79442 | 10             | \$9.65     |
| 16" x 3/32" x 1"                         | A36BF         | 3850    | 34301895   | 93897 | 10             | \$13.64    |



# HIGH SPEED CUT-OFF WHEELS



Type 1



High Speed  
Gas & Portable  
Saws



## Tyrolit BASIC Heavy Duty High Speed Gas & Portable Saw Wheels for Steel-Type 1



- Aluminum oxide grain
- Designed for all ferrous metals
- A free cutting wheel with exceptional cut rate and very good life
- Triple-reinforced for stability and safety



| SIZE             | Specification | Max RPM | Material # | Cat # | Unit Pkg. Qty. | List Price |
|------------------|---------------|---------|------------|-------|----------------|------------|
| 12" x 1/8" x UNV | A30BF/100     | 5500    | 34169155   | 53056 | 10             | \$9.08     |
| 14" x 1/8" x UNV | A30BF/100     | 5500    | 34169156   | 51567 | 10             | \$13.36    |
| 16" x 1/8" x UNV | A30BF/100     | 5100    | 34169157   | 65475 | 10             | \$24.27    |



## Tyrolit BASIC Heavy Duty High Speed Gas & Portable Saw Wheels for Ductile/Cast Iron & Asphalt-Type 1



- Aluminum oxide/silicon carbide blend
- Designed for ductile pipe, asphalt and cast iron
- Exceptional cut rate and life
- Triple-reinforced for stability and safety



| SIZE             | Specification | Max RPM | Material # | Cat # | Unit Pkg. Qty. | List Price |
|------------------|---------------|---------|------------|-------|----------------|------------|
| 12" x 1/8" x UNV | AC30BF/100    | 5500    | 34169183   | 65482 | 10             | \$9.08     |
| 14" x 1/8" x UNV | AC30BF/100    | 5500    | 34169184   | 51568 | 10             | \$13.36    |
| 16" x 1/8" x UNV | AC30BF/100    | 5100    | 34169185   | 65483 | 10             | \$24.27    |



## Tyrolit BASIC Heavy Duty High Speed Gas & Portable Saw Wheels for Masonry & Concrete-Type 1



- Silicon carbide grain
- Designed for cutting concrete, masonry, stone, brick and PVC pipe
- Exceptional cut rate and very long life
- Triple-reinforced for stability and safety



| SIZE             | Specification | Max RPM | Material # | Cat # | Unit Pkg. Qty. | List Price |
|------------------|---------------|---------|------------|-------|----------------|------------|
| 12" x 1/8" x UNV | C30BF/100     | 5500    | 34169159   | 65485 | 10             | \$9.08     |
| 14" x 1/8" x UNV | C30BF/100     | 5500    | 34169160   | 51573 | 10             | \$13.36    |
| 16" x 1/8" x UNV | C30BF/100     | 5100    | 34169182   | 65493 | 10             | \$24.27    |

# HIGH SPEED CUT-OFF WHEELS



## Tyrolit PREMIUM High Speed Gas & Electric Saw Wheels for Steel-Type 1



- Premium aluminum oxide grain
- When increased productivity is required in cutting all ferrous metals, structural steels, rebar and metal decking.
- Good for rail cutting applications
- Superior cut rate and wheel life

★★★

**Type 1**



**High Speed  
Gas & Portable  
Saws**

| SIZE              | Specification | Max RPM | Material # | Cat # | Unit Pkg. Qty. | List Price |
|-------------------|---------------|---------|------------|-------|----------------|------------|
| 12" x 1/8" x 1"   | A30P/100      | 5100    | 20010511   | 64192 | 10             | \$14.05    |
| 12" x 1/8" x 20mm | A30P/100      | 5100    | 20010520   | 64193 | 10             | \$14.05    |
| 14" x 1/8" x 1"   | A30P/100      | 4400    | 20010509   | 64194 | 10             | \$18.73    |
| 14" x 1/8" x 20mm | A30P/100      | 4400    | 20010510   | 64195 | 10             | \$18.73    |



## Tyrolit PREMIUM High Speed Gas & Electric Saw Wheels for Ductile/Cast Iron & Asphalt-Type 1



- Premium aluminum oxide/silicon carbide grain
- When increased productivity is required in cutting ductile pipe, cast iron and asphalt
- Superior cut rate and wheel life

★★★

| SIZE              | Specification | Max RPM | Material # | Cat # | Unit Pkg. Qty. | List Price |
|-------------------|---------------|---------|------------|-------|----------------|------------|
| 12" x 1/8" x 1"   | AC24/100      | 5100    | 20010513   | 64196 | 10             | \$14.05    |
| 12" x 1/8" x 20mm | AC24/100      | 5100    | 20010514   | 64197 | 10             | \$14.05    |
| 14" x 1/8" x 1"   | AC24/100      | 4400    | 20010515   | 64198 | 10             | \$18.73    |
| 14" x 1/8" x 20mm | AC24/100      | 4400    | 20010516   | 64199 | 10             | \$18.73    |



## Tyrolit PREMIUM High Speed Gas & Portable Saw Wheels for Masonry & Concrete-Type 1



- Premium silicon carbide grain
- When increased productivity is required in cutting concrete, masonry, stone and PVC pipe
- Superior cut rate and wheel life

★★★

| SIZE              | Specification | Max RPM | Material # | Cat # | Unit Pkg. Qty. | List Price |
|-------------------|---------------|---------|------------|-------|----------------|------------|
| 12" x 1/8" x 1"   | 1C24/100      | 5100    | 20010517   | 64200 | 10             | \$14.05    |
| 12" x 1/8" x 20mm | 1C24/100      | 5100    | 20010518   | 64202 | 10             | \$14.05    |
| 14" x 1/8" x 1"   | 1C24/100      | 4400    | 20010519   | 64203 | 10             | \$18.73    |
| 14" x 1/8" x 20mm | 1C24/100      | 4400    | 20010521   | 64204 | 10             | \$18.73    |

# CUT-OFF WHEELS

## Type 1



### Tyrolit BASIC Stationary Cut-Off Wheels for Steel-Type 1



- Aluminum oxide grain
- General purpose cut-off wheels designed for higher horsepower stationary cut-off machines
- Designed to make straight cuts in structural steel, solids, pipe and tubing



| SIZE              | Specification | Max RPM | Material # | Cat # | Unit Pkg. Qty. | List Price |
|-------------------|---------------|---------|------------|-------|----------------|------------|
| 10" x 1/8" x 5/8" | A30BF         | 6150    | 34337101   | 93966 | 10             | \$10.03    |
| 10" x 1/8" x 1"   | A30BF         | 6150    | 34337102   | 94000 | 10             | \$10.03    |
| 12" x 1/8" x 1"   | A30BF         | 5100    | 34312945   | 94069 | 10             | \$11.44    |
| 14" x 1/8" x 1"   | A30BF         | 4400    | 34301892   | 94078 | 10             | \$14.55    |
| 16" x 1/8" x 1"   | A30BF         | 3850    | 34301897   | 47009 | 10             | \$17.97    |
| 16" x 5/32" x 1"  | A30BF         | 3850    | 34301898   | 88583 | 10             | \$20.58    |
| 18" x 5/32" x 1"  | A30BF         | 3400    | 34301899   | 53967 | 10             | \$30.55    |
| 20" x 5/32" x 1"  | A30BF         | 3100    | 34301900   | 47021 | 10             | \$38.18    |



### Tyrolit BASIC Stationary Cut-Off Wheels for Masonry/Concrete-Type 1



- Silicon carbide grain
- General purpose cut-off wheels designed for higher horsepower stationary cut-off machines
- Designed to make straight cuts in masonry, concrete, stone and brick



| SIZE            | Specification | Max RPM | Material # | Cat # | Unit Pkg. Qty. | List Price |
|-----------------|---------------|---------|------------|-------|----------------|------------|
| 12" x 1/8" x 1" | C30BF         | 5100    | 34337103   | 94115 | 10             | \$11.57    |
| 14" x 1/8" x 1" | C30BF         | 4400    | 34301894   | 94116 | 10             | \$16.45    |



### Tyrolit BASIC Cold & Hot Pressed Walk Behind Wheels for Concrete-Type 1



- Silicon carbide grain-designed for cutting concrete, masonry, brick on all low HP walk-behind machines
- Fast cutting and good life with triple reinforcement for added safety
- Hot pressed wheels combine fast cutting action with extremely long life
- The hot press process enhances wheel life and strength-use on <18HP
- Suitable for concrete, green concrete and asphalt



| SIZE                                                      | Specification | Max RPM | Material # | Cat # | Unit Pkg. Qty. | List Price |
|-----------------------------------------------------------|---------------|---------|------------|-------|----------------|------------|
| 14" x 3/16" x 1"                                          | CP            | 4400    | 34312948   | 45186 | 10             | \$17.38    |
| 14" x 1/4" x 1"                                           | CP            | 4400    | ABCH14250  | 34912 | 5              | \$21.13    |
| 18" x 1/4" x 1"                                           | CP            | 3400    | ABCC18250  | 37741 | 10             | \$82.19    |
| <b>Hot Pressed Walk Behind Wheels for Concrete-Type 1</b> |               |         |            |       |                |            |
| 14" x 3/16" x 1"                                          | CHP           | 4400    | 30015060   | 59631 | 5              | \$50.68    |
| 14" x 1/4" x 1"                                           | CHP           | 4400    | 30015061   | 59632 | 5              | \$56.23    |
| 18" x 1/4" x 1"                                           | CHP           | 3400    | 30015062   | 59633 | 5              | \$98.07    |



### Tyrolit BASIC Cold Pressed Walk Behind Wheels for Asphalt & Green Concrete-Type 1



- Silicon carbide grain
- Designed for cutting asphalt and green concrete on all low HP walk-behind saws <18HP
- All wheels have drive pin hole



| SIZE           | Specification | Max RPM | Material # | Cat # | Unit Pkg. Qty. | List Price |
|----------------|---------------|---------|------------|-------|----------------|------------|
| 14" 3/16" x 1" | CP            | 4400    | 34328118   | 45187 | 10             | \$17.38    |

## Type 1







## Tyrolit BASIC 2 in 1 Zirconia Flap Discs for Steel and Stainless Steel-Type 29



- General purpose, economically priced flap disc
- Zirconium grain
- Suitable for grinding, deburring, trimming, beveling, cleaning and surface conditioning
- Good for all metals
- Contaminant-free/ iron, sulfur and chlorine <0.1%



**Type 29**



**15°**

**Right Angle  
Grinder**

| SIZE          | Specification | Max RPM | Material # | Cat # | Unit Pkg. Qty. | List Price |
|---------------|---------------|---------|------------|-------|----------------|------------|
| 4" x 5/8"     | ZA40-B        | 15270   | 34334377   | 94140 | 10             | \$4.93     |
| 4" x 5/8"     | ZA60-B        | 15270   | 34335384   | 94141 | 10             | \$4.93     |
| 4" x 5/8"     | ZA80-B        | 15270   | 34335385   | 94142 | 10             | \$4.93     |
| 4-1/2" x 7/8" | ZA40-B        | 13280   | 34335386   | 54121 | 10             | \$5.08     |
| 4-1/2" x 7/8" | ZA60-B        | 13280   | 34335388   | 94146 | 10             | \$5.08     |
| 4-1/2" x 7/8" | ZA80-B        | 13280   | 34335390   | 94147 | 10             | \$5.08     |
| 5" x 7/8"     | ZA40-B        | 13280   | 34335741   | 94149 | 10             | \$5.78     |
| 5" x 7/8"     | ZA60-B        | 13280   | 34335743   | 94154 | 10             | \$5.78     |
| 5" x 7/8"     | ZA80-B        | 13280   | 34335745   | 79421 | 10             | \$5.78     |



## Tyrolit PREMIUM Zirconia Flap Discs for Steel and Stainless Steel-Type 27



- Premium zirconium grain
- Suitable for grinding work, deburring, trimming, beveling, cleaning and surface conditioning
- Extremely long life compared to aluminum oxide discs
- Aggressive and fast cutting
- Suitable for grinding steel, stainless steel and cast materials
- Contaminant-free of iron, sulfur and chlorine, <0.1%



**Type 27**



**30°**

**Right Angle  
Grinder**

| SIZE          | Specification         | Max RPM | Material # | Cat # | Unit Pkg. Qty. | List Price |
|---------------|-----------------------|---------|------------|-------|----------------|------------|
| 4-1/2" x 7/8" | ZA40-B                | 13280   | 34334161   | 94155 | 10             | \$8.47     |
| 4-1/2" x 7/8" | ZA60-B                | 13280   | 34334163   | 94156 | 10             | \$8.47     |
| 4-1/2" x 7/8" | ZA80-B                | 13280   | 34334165   | 46938 | 10             | \$8.47     |
| 4-1/2" x 7/8" | ZA40-B (plastic back) | 13280   | 34333927   | 94157 | 10             | \$7.62     |
| 4-1/2" x 7/8" | ZA60-B (plastic back) | 13280   | 34333965   | 94158 | 10             | \$7.62     |
| 4-1/2" x 7/8" | ZA80-B (plastic back) | 13280   | 34334029   | 94159 | 10             | \$7.62     |

# FLAP DISCS



## Tyrolit PREMIUM Zirconia Flap Discs for Steel and Stainless Steel-Type 29



- Premium zirconium grain
- Suitable for grinding work, deburring, trimming, beveling, cleaning and surface conditioning
- Extremely long life compared to aluminum oxide discs
- Aggressive and fast cutting
- Suitable for grinding steel, stainless steel and cast materials
- Contaminate-free of iron, sulfur and chlorine, <0.1%



**Type 29**



**15°**

**Right Angle  
Grinder**

| SIZE             | Specification | Max RPM | Material # | Cat # | Unit Pkg. Qty. | List Price |
|------------------|---------------|---------|------------|-------|----------------|------------|
| 4-1/2" x 7/8"    | ZA40-B        | 13280   | 34334120   | 68890 | 10             | \$8.47     |
| 4-1/2" x 7/8"    | ZA60-B        | 13280   | 34334676   | 46964 | 10             | \$8.47     |
| 4-1/2" x 7/8"    | ZA80-B        | 13280   | 34334145   | 59859 | 10             | \$8.47     |
| 4-1/2" x 5/8"-11 | ZA40-B        | 13280   | 34334141   | 94168 | 10             | \$11.22    |
| 4-1/2" x 5/8"-11 | ZA60-B        | 13280   | 34334677   | 94169 | 10             | \$11.22    |
| 4-1/2" x 5/8"-11 | ZA80-B        | 13280   | 34334149   | 94170 | 10             | \$11.22    |
| 4-1/2" x 5/8"-11 | ZA120-B       | 13280   | 34334679   | 74370 | 10             | \$11.22    |
| 5" x 7/8"        | ZA40-B        | 12220   | 34334680   | 94171 | 10             | \$10.92    |
| 5" x 7/8"        | ZA60-B        | 12220   | 34334126   | 47330 | 10             | \$10.62    |
| 5" x 7/8"        | ZA80-B        | 12220   | 34334128   | 47327 | 10             | \$10.62    |
| 6" x 7/8"        | ZA40-B        | 10200   | 34334684   | 94172 | 10             | \$13.36    |
| 6" x 7/8"        | ZA60-B        | 10200   | 34334686   | 94173 | 10             | \$13.36    |



## Tyrolit PREMIUM High Density JUMBO Zirconia Flap Discs for Steel and Stainless Steel-Type 29



- Premium zirconium grain
- Suitable for grinding work, deburring, trimming, beveling, cleaning and surface conditioning
- **Ultra long life** compared to aluminum oxide discs
- Aggressive and fast cutting
- Suitable for grinding steel, stainless steel and cast materials
- Contaminate-free of iron, sulfur and chlorine, <0.1%

| SIZE             | Specification | Max RPM | Material # | Cat # | Unit Pkg. Qty. | List Price |
|------------------|---------------|---------|------------|-------|----------------|------------|
| 4-1/2" x 7/8"    | ZA40-B        | 13280   | 34299592   | 64502 | 10             | \$10.49    |
| 4-1/2" x 5/8"-11 | ZA40          | 13280   | 34334098   | 19209 | 10             | 13.13      |



## Tyrolit PREMIUM Resin Fiber Discs- Aluminum Oxide for Steel



- General purpose aluminum oxide disc for light to medium sanding and finishing applications
- Suitable for ferrous and/or non-ferrous metals

| SIZE          | Specification | Max RPM | Material # | Cat # | Unit Pkg. Qty. | List Price |
|---------------|---------------|---------|------------|-------|----------------|------------|
| 4-1/2" x 7/8" | A24           | 13000   | 30010278   | 60773 | 25             | \$1.47     |
| 4-1/2" x 7/8" | A36           | 13000   | 30010279   | 58874 | 25             | \$1.36     |
| 4-1/2" x 7/8" | A50           | 13000   | 30010281   | 60774 | 25             | \$1.29     |
| 4-1/2" x 7/8" | A120          | 13000   | 30010286   | 60776 | 25             | \$1.18     |
| 5" x 7/8"     | A24           | 11900   | 30010290   | 62325 | 25             | \$1.62     |
| 5" x 7/8"     | A36           | 11900   | 30010291   | 61098 | 25             | \$1.56     |
| 5" x 7/8"     | A60           | 11900   | 30010293   | 64606 | 25             | \$1.42     |
| 5" x 7/8"     | A80           | 11900   | 30010294   | 62326 | 25             | \$1.32     |
| 7" x 7/8"     | A16           | 8500    | 30010298   | 62834 | 25             | \$2.78     |
| 7" x 7/8"     | A36           | 8500    | 30010301   | 59361 | 25             | \$2.36     |



**Right Angle  
Grinder**



## Tyrolit PREMIUM Resin Fiber Discs- Zirconia for Metal & Cast Materials



- Heavy duty zirconia grain disc for tough sanding and finishing applications
- Suitable for ferrous and/or non-ferrous metals

| SIZE          | Specification | Max RPM | Material # | Cat # | Unit Pkg. Qty. | List Price |
|---------------|---------------|---------|------------|-------|----------------|------------|
| 4-1/2" x 7/8" | ZA24          | 13000   | 30010310   | 66358 | 25             | \$2.25     |
| 4-1/2" x 7/8" | ZA36          | 13000   | 30010311   | 60271 | 25             | \$2.08     |
| 4-1/2" x 7/8" | ZA60          | 13000   | 30010313   | 60223 | 25             | \$1.82     |
| 5" x 7/8"     | ZA36          | 11900   | 30010318   | 65034 | 25             | \$2.25     |
| 5" x 7/8"     | ZA50          | 11900   | 30010319   | 60827 | 25             | \$2.08     |
| 5" x 7/8"     | ZA60          | 11900   | 30010320   | 65033 | 25             | \$2.01     |



**Right Angle  
Grinder**

### Backing Pads

| SIZE   | Material # | Cat # | Unit Pkg. Qty. | List Price |
|--------|------------|-------|----------------|------------|
| 4-1/2" | 44878      | 64970 | 1              | \$11.67    |
| 5"     | 44879      | 68811 | 1              | \$14.38    |
| 7"     | 44880      | 64548 | 1              | \$19.87    |

### Nut for Backing Pad

| Part # | Cat # | List Price |
|--------|-------|------------|
| 256827 | 60272 | \$2.02     |

# WIRE BRUSHES



## Spindle Mounted Wire Brushes for Steel



**Straight  
Grinder**



- For use on portable tools and die grinders
- 1/4" diameter shank
- Designed for use in cleaning and finishing recessed areas and pipes for aggressive cutting and deburring

### Knot Type Steel Wire

| Diameter | Wire Size | Trim Length | Overall Length | Max RPM | Material # | Cat # | Unit Pkg. Qty. | List Price |
|----------|-----------|-------------|----------------|---------|------------|-------|----------------|------------|
| 3/4"     | .020      | 1.20        | 2.80           | 20000   | 52685      | 63573 | 25             | \$20.27    |
| 1-1/8"   | .020      | 1.20        | 2.80           | 20000   | 52680      | 63574 | 25             | \$23.88    |

### Crimped Steel Wire

| Diameter | Wire Size | Trim Length | Overall Length | Max RPM | Material # | Cat # | Unit Pkg. Qty. | List Price |
|----------|-----------|-------------|----------------|---------|------------|-------|----------------|------------|
| 3/4"     | .020      | .86         | 2.60           | 20000   | 52679      | 63575 | 25             | \$6.09     |
| 1"       | .020      | 1.0         | 2.70           | 20000   | 890722     | 63576 | 25             | \$7.16     |

### Circular Flared Steel Wire

| Diameter | Wire Size | Trim Length | Overall Length | Max RPM | Material # | Cat # | Unit Pkg. Qty. | List Price |
|----------|-----------|-------------|----------------|---------|------------|-------|----------------|------------|
| 2"       | .012      | .50         | 0.50           | 20000   | 890845     | 64424 | 25             | \$8.20     |
| 3"       | .012      | .60         | 0.75           | 20000   | 890848     | 63577 | 25             | \$10.82    |



## Crimped Wire Cup Brushes for Steel



**Right  
Angle  
Grinders**



- For use on right angle grinders
- 5/8"-11 threaded arbor
- Designed for heavy cutting, deburring, weld prep and rust removal
- Fast, aggressive cutting action
- Crimped wire for greater flexibility and light cleaning and material removal, especially for irregular surfaces. Available in carbon or stainless steel wire

### Crimped Wire Brushes for Steel

| Diameter | Wire Size | Arbor  | Max RPM | Material # | Cat # | Unit Pkg. Qty. | List Price |
|----------|-----------|--------|---------|------------|-------|----------------|------------|
| 2-3/4"   | .012      | 5/8-11 | 12000   | 52666      | 60071 | 1              | \$11.07    |
| 4"       | .014      | 5/8-11 | 9000    | 896251     | 80418 | 1              | \$34.62    |
| 5"       | .020      | 5/8-11 | 6500    | 896253     | 77633 | 1              | \$42.64    |
| 6"       | .020      | 5/8-11 | 6000    | 896254     | 76578 | 1              | \$46.36    |



## Knot Wire Cup Brushes for Steel or Stainless Steel



**Right  
Angle  
Grinders**



- For use on right angle grinders
- 5/8"-11 threaded arbor
- Designed for heavy cutting, deburring, weld prep and rust removal
- Fast, aggressive cutting action
- Weld or large area cleaning

### Knot Wire Cup Brushes for Steel

| Diameter | Wire Size | Arbor  | Max RP | Material # | Cat # | Unit Pkg. Qty. | List Price |
|----------|-----------|--------|--------|------------|-------|----------------|------------|
| 2-3/4"   | .020      | 5/8-11 | 12000  | 52672      | 60072 | 1              | \$16.76    |
| 4"       | .020      | 5/8-11 | 9000   | 52673      | 61851 | 1              | \$34.70    |
| 5"       | .020      | 5/8-11 | 6500   | 52675      | 58778 | 1              | \$55.13    |
| 6"       | .020      | 5/8-11 | 6000   | 52678      | 79856 | 1              | \$57.93    |

### Knot Wire Cup Brushes for INOX/Stainless

| Diameter | Wire Size | Arbor  | Max RPM | Material # | Cat # | Unit Pkg. Qty. | List Price |
|----------|-----------|--------|---------|------------|-------|----------------|------------|
| 2-3/4"   | .020      | 5/8-11 | 12000   | 52676      | 60463 | 1              | \$27.58    |
| 4"       | .020      | 5/8-11 | 9000    | 52677      | 64591 | 1              | \$69.90    |

### Wire Cup Adapters

| Adapter Size          | Adapts To          | Material # | Cat # | Unit Pkg. Qty. | List Price |
|-----------------------|--------------------|------------|-------|----------------|------------|
| M10 x 1.50 to 5/8"-11 | B&D, Hitachi, Skil | 20011964   | 73998 | 1              | \$9.62     |
| 3/8-24 to 5/8"-11     | Air Tools          | 20011965   | 68002 | 1              | \$9.62     |





## Tyrolit PREMIUM Wire Brushes for Joint Crack Cleaning for Concrete-Type 1



- For use on small, low horsepower walk behind saws
- Designed for cleaning concrete expansion joints
- Maximum RPM-5,000



**Low HP  
Walk Behind  
Saws**

| Diameter                  | Wire Size | Arbor | Max RPM | Material # | Cat # | Unit Pkg. Qty. | List Price |
|---------------------------|-----------|-------|---------|------------|-------|----------------|------------|
| 12" x .625 with drive pin | .035      | 1"    | 5000    | 896247     | 76619 | 2              | \$125.96   |



## Tyrolit PREMIUM Twist Knot Wire Wheels for Steel or Stainless Steel



- For use on small side grinders
- **Regular Twist Knot**-provides low flexibility and aggressive cutting and cleaning
- **Stringer Bead Twist Knot**-provides more aggressive cleaning and cutting for the most demanding applications
- Designed for welds, flux removal and applications where a narrow face is required



**Side  
Grinders**

| Regular Twist Knot Wire Wheels For Steel          |           |         |         |            |       |                |            |
|---------------------------------------------------|-----------|---------|---------|------------|-------|----------------|------------|
| Diameter                                          | Wire Size | Arbor   | Max RPM | Material # | Cat # | Unit Pkg. Qty. | List Price |
| 4"                                                | .014      | 5/8"-11 | 12000   | 52693      | 62674 | 1              | \$21.01    |
| 6"                                                | .020      | 5/8"-11 | 9000    | 52697      | 59670 | 1              | \$44.14    |
| Stringer Bead Knot Wire Wheels For Steel          |           |         |         |            |       |                |            |
| 4"                                                | .020      | 5/8"-11 | 12000   | 52694      | 61506 | 1              | \$27.83    |
| 6"                                                | .020      | 5/8"-11 | 9000    | 52699      | 61099 | 1              | \$48.36    |
| Regular Twist Knot Wire Wheels For INOX/Stainless |           |         |         |            |       |                |            |
| 6"                                                | .020      | 5/8"-11 | 9000    | 52702      | 68618 | 1              | \$68.12    |
| Stringer Bead Knot Wire Wheels For INOX/Stainless |           |         |         |            |       |                |            |
| 4"                                                | .020      | 5/8"-11 | 12000   | 52700      | 62321 | 1              | \$41.65    |



## Flaring Cup Wheels for Steel & Masonry



- Aluminum oxide grain
- For use on right angle grinders
- Coarse 16 or 24 grit wheel for demanding grinding applications
- Heavy stock removal on all ferrous metals



**Right Angle  
Grinders**

| XPERT Flaring Cup Wheels for Metal-Type 11              |                 |         |            |       |                |            |
|---------------------------------------------------------|-----------------|---------|------------|-------|----------------|------------|
| SIZE                                                    | Specification   | Max RPM | Material # | Cat # | Unit Pkg. Qty. | List Price |
| 4" x 2" x 5/8"-11                                       | A24PB (24 grit) | 9050    | 2010525    | 65500 | 1              | \$21.18    |
| 5" x 2" x 5/8"-11                                       | A24PB (24 grit) | 7260    | 20006831   | 59295 | 1              | \$26.54    |
| 6" x 2" x 5/8"-11                                       | A16PB (16 grit) | 6050    | 20006824   | 59010 | 1              | \$30.79    |
| 6" x 2" x 5/8"-11                                       | A24PB (24 grit) | 6050    | 20006829   | 59296 | 1              | \$30.79    |
| XPERT Flaring Cup Wheels for Masonry & Concrete-Type 11 |                 |         |            |       |                |            |
| SIZE                                                    | Specification   | Max RPM | Material # | Cat # | Unit Pkg. Qty. | List Price |
| 4" x 2" x 5/8"-11                                       | C16PB (16 grit) | 9050    | 2010526    | 65501 | 1              | \$23.20    |
| 5" x 2" x 5/8"-11                                       | C16PB (16 grit) | 7250    | 2010524    | 65499 | 1              | \$30.44    |
| 6" x 2" x 5/8"-11                                       | C16PB (16 grit) | 6050    | 20006823   | 59147 | 1              | \$35.17    |

# BLOCKS, STONES & GRINDING WHEELS



## Rubbing Blocks & Grinding Stones for Concrete/Masonry



- **Rubbing Blocks**-long life and good performance for removing mold and form marks, cleaning castings and smoothing concrete surfaces-comes with or without handle
- **Grinding Stones**-for removal and/or grinding concrete imperfections, uneven joints or smoothing exposed aggregate
- Available in : **Coarse** (fast removal), **Medium** (finish grinding) or **Fine** (smoothing surfaces)

Grinding Stones Can Be Used on the CC200 Floor Grinder



Hand Tool

| Rubbing Blocks                     |        |             |       |                |            |
|------------------------------------|--------|-------------|-------|----------------|------------|
| SIZE/DESCRIPTION                   |        | Material #  | Cat # | Unit Pkg. Qty. | List Price |
| 6" x 3" x 1" with handle           |        | ABRBH-HR252 | 35064 | 5              | \$36.27    |
| 8" x 3-1/2" x 1-1/2" with handle   |        | ABRBH-HR250 | 35065 | 5              | \$44.50    |
| 8" x 2" x 2" fluted without handle |        | ABRBF-HR242 | 35062 | 6              | \$24.10    |
| Grinding Stones                    |        |             |       |                |            |
| SIZE                               | Grit   | Material #  | Cat # | Unit Pkg. Qty. | List Price |
| 2" x 2" x 4"                       | Coarse | ABCH-10     | 35067 | 6              | \$12.41    |
| 2" x 2" x 4"                       | Medium | ABCH-24     | 35063 | 6              | \$12.41    |
| 2" x 2" x 4"                       | Fine   | ABCH-80     | 35066 | 6              | \$12.41    |



Side Grinders



## Zec and Semi-Flexible Grinding Discs for Concrete/Masonry



- **Zec® Disc**-16 grit silicon carbide, minimal loading, ideal for grinding concrete, masonry and stone along with adhesives from concrete
- No backup pad needed
- **Semi-Flex Disc**-16, 24, 36, 60, 80 & 120 grit silicon carbide-a lower cost alternative to plastic-backed Zec wheels
- Must be used with backup pads (See page 17)

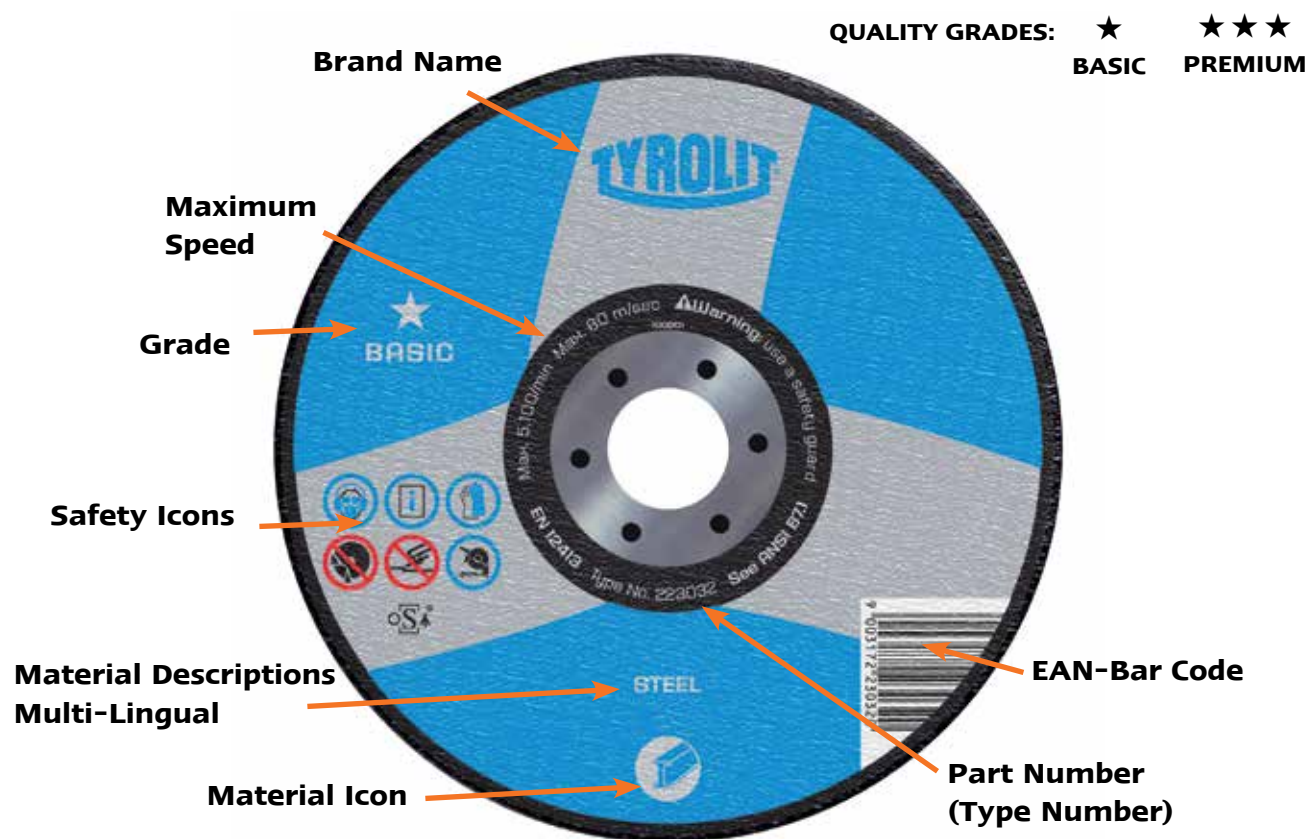
| ZEC® Grinding Disc-No Backup Pad Required                                              |                  |         |            |       |                |            |
|----------------------------------------------------------------------------------------|------------------|---------|------------|-------|----------------|------------|
| SIZE                                                                                   | Grit             | Max RPM | Material # | Cat # | Unit Pkg. Qty. | List Price |
| 4-1/2" x 7/8"                                                                          | 16-Grit Silicon  | 13280   | SCGD4500   | 58155 | 5              | \$14.65    |
| 7" x 7/8"                                                                              | 16-Grit Silicon  | 8600    | SCGD7000   | 58154 | 5              | \$17.05    |
| General Purpose Grinding Disc-Must Be Used with Backup Pad-See page 17 for Backup Pads |                  |         |            |       |                |            |
| 4-1/2" x 7/8"                                                                          | 16-Grit Silicon  | 13280   | 20016050   | 21271 | 25             | \$9.92     |
| 4-1/2" x 7/8"                                                                          | 24-Grit Silicon  | 13280   | 20016051   | 21273 | 25             | \$9.92     |
| 4-1/2" x 7/8"                                                                          | 36-Grit Silicon  | 13280   | 20016052   | 21274 | 25             | \$9.92     |
| 4-1/2" x 7/8"                                                                          | 60-Grit Silicon  | 13280   | 20016056   | 36562 | 25             | \$9.92     |
| 4-1/2" x 7/8"                                                                          | 80-Grit Silicon  | 13280   | 20016057   | 36563 | 25             | \$9.92     |
| 4-1/2" x 7/8"                                                                          | 120-Grit Silicon | 13280   | 20016058   | 36564 | 25             | \$9.92     |
| 7" x 7/8"                                                                              | 16-Grit Silicon  | 8600    | 20016053   | 21282 | 25             | \$13.59    |
| 7" x 7/8"                                                                              | 24-Grit Silicon  | 8600    | 20016054   | 21275 | 25             | \$13.59    |
| 7" x 7/8"                                                                              | 36-Grit Silicon  | 8600    | 20016055   | 21276 | 25             | \$13.59    |

| Backing Pads |            |       |                |            |
|--------------|------------|-------|----------------|------------|
| SIZE         | Material # | Cat # | Unit Pkg. Qty. | List Price |
| 4-1/2"       | 44878      | 64970 | 1              | \$11.67    |
| 5"           | 44879      | 68811 | 1              | \$14.38    |
| 7"           | 44880      | 64548 | 1              | \$19.87    |

| Nut for Zec® Disc |       |            |
|-------------------|-------|------------|
| Part #            | Cat # | List Price |
| SCGD-NUT          | 60210 | \$17.61    |



## LABEL MARKINGS









## NOTES

[illegible]

# TYROLIT



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