



# Dome Abrasive Manufacture

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## About CNDOME Company

Dome Abrasives was established and registered in 2001. We have more than 23 years experience in developing and manufacturing resin bond cutting and grinding wheels.

We now have nearly 100 sets of production equipment and a modern production workshop covering an area of 20,000 square meters, which can fully meet your needs.

As a star company, all our products have passed ISO9001, MPA, CE, BSCI certificate and EN12413 standard. Dome has always been committed to providing customers with cost-effective products and has won the praise of users for its continuous innovation and excellent customer service. We export to the South America, Middle East, Southeast Asia, Europe and America, etc., and our products are all over the world.

Dome ambition is to become one of the leading market share holder in the most competitive Market in the world today.

“Customer’ s goal and satisfactions are our first priority.”





## Cutting Disc

### Product Advantages:

Long durability  
Very sharp  
Cost effective  
Less heat generated  
Less noise  
Easy working

### Application:

Solid material  
Rails  
Thin-walled tubes  
Unalloyed and alloyed construction steel  
High alloy special steel  
Angular steel profiles



### TYPE 41

| Dimension D*T*H(mm) | Dimension D*T*H(inch) | Shape | Speed (R.P.M) | Speed (m/s) | PCS/ Shrink wrap | PCS/ Shipping carton |
|---------------------|-----------------------|-------|---------------|-------------|------------------|----------------------|
| 250x2.5x25.4        | 10x3/32x1             | —     | 6150          | 80          | 5                | 25                   |
| 250x3.0x25.4        | 10x1/8x1              | —     | 6150          | 80          | 5                | 25                   |
| 300x2.5x25.4        | 12x3/32x1             | —     | 5100          | 80          | 5                | 25                   |
| 300x2.5x32          | 12x3/32x5/4           | —     | 5100          | 80          | 5                | 25                   |
| 300x3.0x25.4        | 12x1/8x1              | —     | 5100          | 80          | 5                | 25                   |
| 300x3.0x32          | 12x1/8x5/4            | —     | 5100          | 80          | 5                | 25                   |
| 300x4.0x25.4        | 12x5/32x1             | —     | 5100          | 80          | 5                | 25                   |
| 300x4.0x32          | 12x5/32x5/4           | —     | 5100          | 80          | 5                | 25                   |
| 355x2.5x25.4        | 14x3/32x1             | —     | 4400          | 80          | 5                | 25                   |
| 355x2.5x32          | 14x3/32x5/4           | —     | 4400          | 80          | 5                | 25                   |
| 355x3.0x25.4        | 14x1/8x1              | —     | 4400          | 80          | 5                | 25                   |
| 355x3.0x32          | 14x1/8x5/4            | —     | 4400          | 80          | 5                | 25                   |
| 355x4.0x25.4        | 14x5/32x1             | —     | 4400          | 80          | 5                | 25                   |
| 355x4.0x32          | 14x5/32x5/4           | —     | 4400          | 80          | 5                | 25                   |
| 400x3.0x25.4        | 16x1/8x1              | —     | 3800          | 80          | 5                | 25                   |
| 400x3.0x32          | 16x1/8x5/4            | —     | 3800          | 80          | 5                | 25                   |
| 400x4.0x25.4        | 16x5/32x1             | —     | 3800          | 80          | 5                | 25                   |
| 400x4.0x32          | 16x5/32x5/4           | —     | 3800          | 80          | 5                | 25                   |

# Cutting Disc





## Cutting & grinding wheel

- Product Advantages:**
- Long durability
  - Very sharp
  - Cost effective
  - Less heat generated
  - Less noise
- Application:**
- Solid material
  - Tubes
  - Unalloyed and alloyed construction steel
  - High alloy special steel
  - Angular steel profiles



## Super Cutting disc

- Product Advantages:**
- Long durability
  - Very sharp
  - Cost effective
  - Less heat generated
  - Less noise
- Application:**
- Solid material
  - Tubes
  - Unalloyed and alloyed construction steel
  - High alloy special steel
  - Angular steel profiles



| TYPE 41             |                       |       |               | TYPE 42     |                  |                |                   |
|---------------------|-----------------------|-------|---------------|-------------|------------------|----------------|-------------------|
| Dimension D*T*H(mm) | Dimension D*T*H(inch) | Shape | Speed (R.P.M) | Speed (m/s) | PCS/ Shrink wrap | PCS/ Inner box | PCS/ outer carton |
| 100x2.0x16          | 4x1/12x5/8            |       | 15200         | 80          | 25               | 50             | 400               |
| 100x3.0x16          | 4x1/8x5/8             |       | 15200         | 80          | 10               | 50             | 400               |
| 115x2.0x22.2        | 4 1/2x1/12x7/8        |       | 13300         | 80          | 25               | 25             | 400               |
| 115x3.0x22.2        | 4 1/2x1/8x7/8         |       | 13300         | 80          | 10               | 50             | 200               |
| 125x2.0x22.2        | 5x1/12x7/8            |       | 12200         | 80          | 25               | 25             | 400               |
| 125x2.5x22.2        | 5x3/32x7/8            |       | 12200         | 80          | 10               | 50             | 200               |
| 125x3.0x22.2        | 5x1/8x7/8             |       | 12200         | 80          | 10               | 50             | 200               |
| 150x2.0x22.2        | 6x1/12x7/8            |       | 10200         | 80          | 25               | 25             | 200/300/400       |
| 150x3.0x22.2        | 6x1/8x7/8             |       | 10200         | 80          | 10               | 50             | 200               |
| 180x2.0x22.2        | 7x1/12x7/8            |       | 8500          | 80          | 20               | 20             | 200               |
| 180x2.5x22.2        | 7x3/32x7/8            |       | 8500          | 80          | 10               | 50             | 100               |
| 230x2.5x22.2        | 9x3/32x7/8            |       | 6600          | 80          | 10               | 50             | 100               |
| 230x3.0x22.2        | 9x1/8x7/8             |       | 6600          | 80          | 5                | 25             | 100               |

| TYPE 41             |                       |       |               |             |                  |                |                   |
|---------------------|-----------------------|-------|---------------|-------------|------------------|----------------|-------------------|
| Dimension D*T*H(mm) | Dimension D*T*H(inch) | Shape | Speed (R.P.M) | Speed (m/s) | PCS/ Shrink wrap | PCS/ Inner box | PCS/ outer carton |
| 75x0.8x10           | 3x1/32x3/8            |       | 20100         | 80          | 25               | 50             | 800/1200          |
| 75x1.6x10           | 3x1/16x3/8            |       | 20100         | 80          | 25               | 50             | 800/1200          |
| 105x1.0x16          | 4x1/25x5/8            |       | 15200         | 80          | 25               | 50             | 800               |
| 105x1.2x16          | 4x3/64x5/8            |       | 15200         | 80          | 25               | 50             | 800               |
| 105x1.6x16          | 4x1/16x5/8            |       | 15200         | 80          | 25               | 50             | 800               |
| 115x1.0x22.2        | 4 1/2x1/25x7/8        |       | 13300         | 80          | 25               | 25             | 400               |
| 115x1.2x22.2        | 4 1/2x3/64x7/8        |       | 13300         | 80          | 25               | 25             | 400               |
| 115x1.6x22.2        | 4 1/2x1/16x7/8        |       | 13300         | 80          | 25               | 25             | 400               |
| 125x1.0x22.2        | 5x1/25x7/8            |       | 12200         | 80          | 25               | 25             | 400               |
| 125x1.2x22.2        | 5x3/64x7/8            |       | 12200         | 80          | 25               | 25             | 400               |
| 125x1.6x22.2        | 5x1/16x7/8            |       | 12200         | 80          | 25               | 25             | 400               |
| 150x1.6x22.2        | 6x1/16x7/8            |       | 10200         | 80          | 25               | 25             | 400               |
| 180x1.6x22.2        | 7x1/16x7/8            |       | 8500          | 80          | 10               | 20             | 200               |
| 230x1.9x22.2        | 9x5/64x7/8            |       | 6600          | 80          | 10               | 20             | 100               |
| 230x2.0x22.2        | 9x1/12x7/8            |       | 6600          | 80          | 10               | 20             | 100               |

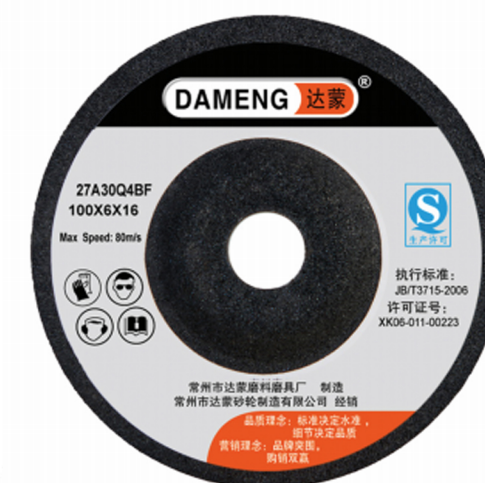


## Grinding Wheel

| Grinding disc       |                       |               |             |               |                     |
|---------------------|-----------------------|---------------|-------------|---------------|---------------------|
| Dimension D*T*H(mm) | Dimension D*T*H(inch) | Speed (R.P.M) | Speed (m/s) | Box Qty (pcs) | Volume(cm3) (LxWxH) |
| 100x4.0x16          | 4x5/32x5/8            | 15200         | 80          | 200           | 28x23x23            |
| 100x5.0x16          | 4x3/16x5/8            | 15200         | 80          | 200           | 28x23x23            |
| 100x6.0x16          | 4x1/4x5/8             | 15200         | 80          | 200           | 36x23x23            |
| 115x6.0x22.2        | 4 1/2x1/4x7/8         | 13300         | 80          | 100           | 26x26x19            |
| 125x6.0x22.2        | 5x1/4x7/8             | 12200         | 80          | 100           | 36x28x15            |
| 150x6.0x22.0        | 6x1/4x7/8             | 10200         | 80          | 100           | 38x28x15            |
| 180x6.0x22.2        | 7x1/4x7/8             | 8600          | 80          | 50            | 39x20x19            |
| 180x8.0x22.2        | 7x5/16x7/8            | 8600          | 80          | 40            | 39x20x22            |
| 230x6.0x22.2        | 9x1/4x7/8             | 6600          | 80          | 50            | 49x25x19            |

| Elastic abrasive    |                       |               |             |               |                     |
|---------------------|-----------------------|---------------|-------------|---------------|---------------------|
| Dimension D*T*H(mm) | Dimension D*T*H(inch) | Speed (R.P.M) | Speed (m/s) | Box Qty (pcs) | Volume(cm3) (LxWxH) |
| 100x2.0x16          | 4x1/12x5/8            | 15200         | 80          | 400           | 28x23x23            |
| 100x2.5x16          | 4x3/32x5/8            | 15200         | 80          | 400           | 28x23x23            |
| 115x2.5x22.2        | 4 1/2x3/32x7/8        | 13300         | 80          | 200           | 26x26x19            |
| 125x2.5x22.2        | 5x3/32x7/8            | 12200         | 80          | 200           | 28x28x17            |

# Grinding Wheel

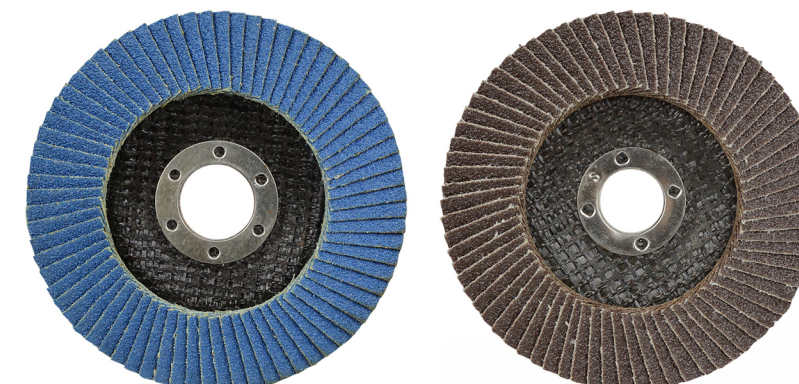




## Flap Wheels

**Product Advantages:**  
 Long durability  
 High grinding rate  
 Cost effective  
 Easy working

**Application:**  
 Unalloyed and alloyed construction steel  
 High alloy special steel  
 Burring of metal  
 Very solid steel  
 Stainless steel  
 Welding seams  
 Non-ferrous metals



### TYPE 27

| Dimension<br>D*T*H(mm) | Dimension<br>D*T*H(inch) | Speed<br>(R.P.M) | Speed<br>(m/s) | Grit size(#) |    |            | PCS/<br>Shrink<br>wrap | PCS/<br>Inner box | PCS/<br>outer carton |
|------------------------|--------------------------|------------------|----------------|--------------|----|------------|------------------------|-------------------|----------------------|
|                        |                          |                  |                | 40           | 60 | 80 100 120 |                        |                   |                      |
| 100x16                 | 4x5/8                    | 15200            | 80             | ✓            | ✓  | ✓          | 5                      | /                 | 200                  |
| 115x22                 | 4 1/2x7/8                | 13300            | 80             | ✓            | ✓  | ✓          | 5                      | /                 | 200                  |
| 125x22                 | 5x7/8                    | 12200            | 80             | ✓            | ✓  | ✓          | 5                      | /                 | 200                  |
| 180x22                 | 7x7/8                    | 8500             | 80             | ✓            | ✓  | ✓          | 5                      | /                 | 100                  |



**Calcined black sand**

The reinforced emery cloth has been calcined at high temperature, which can effectively improve the sharpness and wear resistance of the louvers. It can be used for stainless steel, etc.



**Zirconium corundum blue sand**

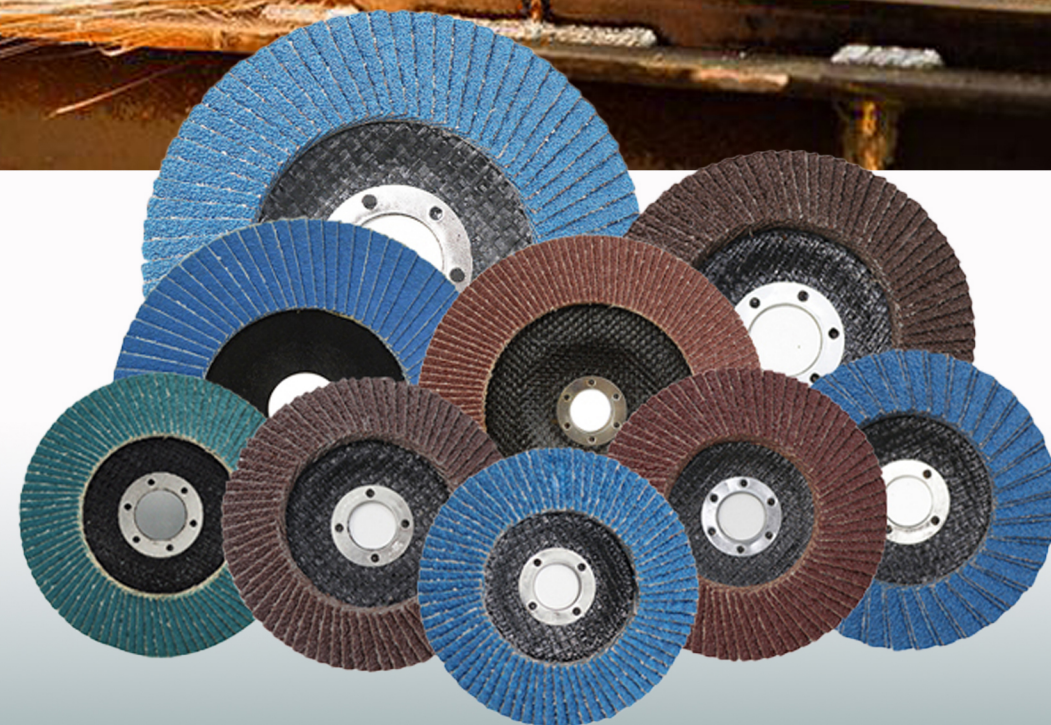
Zirconium corundum cloth can be used for various pipe fittings, and the stainless steel is polished and polished so that it is not easy to burn the substrate



**red sand**

It belongs to the common type and is mainly used for wood grinding and deburring, metal derusting, etc. It is not suitable for stainless steel grinding

# Flap Wheels





# Mesh cover/plastic cover for choice

## Meet different needs

MORE CHOICE TO MEET DIFFERENT NEEDS



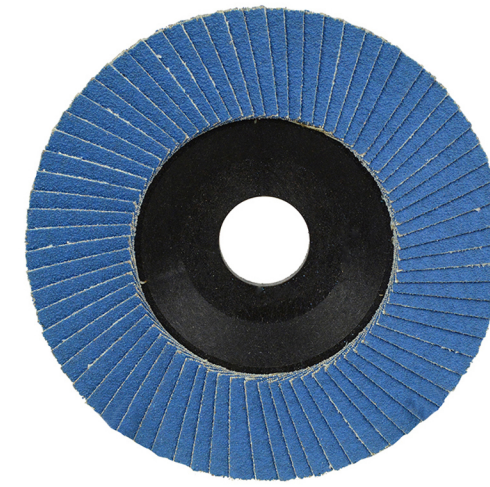
**plastic cap**

Economical and more cost-effective

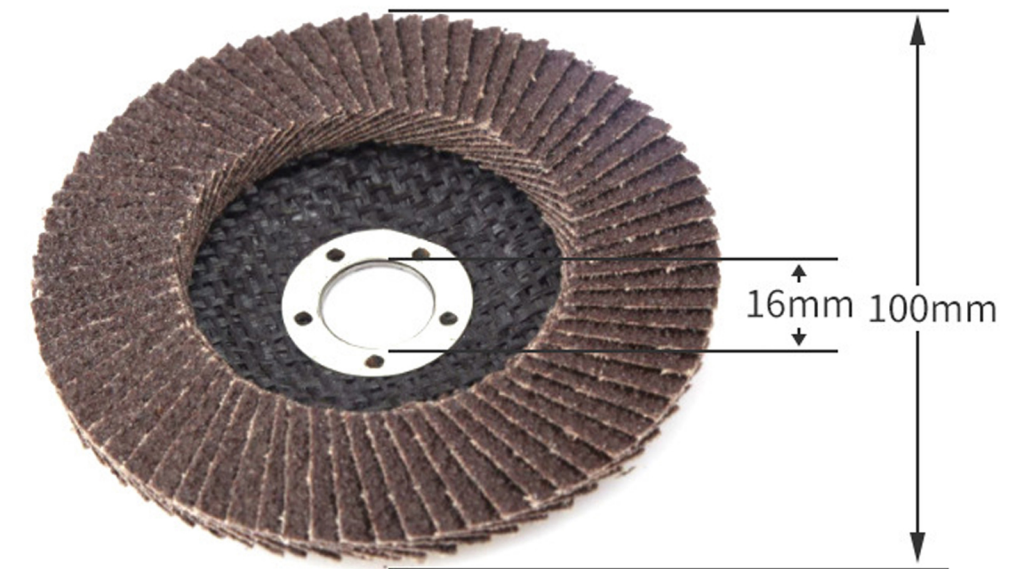


**mesh cover**

Middle metal ring, stronger and better quality



The difference between mesh cover and plastic cover  
Plastic cover: economical and practical, cost-effective  
Mesh cover: middle metal ring, stronger and better quality



**Product name :** Calcined hundred-page wheel

**Material :** Calcined cloth

**Color :** black

**Dimension :** 100\*16mm

**Leaf number :** 72 leaves/piece (22\*16mm) (90 mesh cover)

**Quantity :** 25pcs/tube\*20/box

**Usde :** It is used for the production and grinding of stainless steel, cast iron and other metals and non-metals!



Certificate

main market

