

CUT-OFF WHEELS

Norton Cut-off wheels are pre-engineered to produce the most versatile wheel performance. They are engineered to give you optimum to premium performance in all cut-off applications ranging from production to maintenance.



TYPICAL APPLICATIONS

- ▶ Notching
- ▶ Sheet Metal Cutting
- ▶ Pipe Cutting (CI/SS/MS)
- ▶ Foundry Gate/Riser Removal
- ▶ Metal plate dimensioning
- ▶ Bar cutting
- ▶ Sample cutting
- ▶ Rail cutting

COMMON MACHINES

- ▶ Fixed Stroke type machines are quite common
- ▶ Chopsaw
- ▶ Portable grinders
- ▶ Portable rail cutting machines

END USER INDUSTRIES

- ▶ Investment castings
- ▶ Steel - Ingot & Bar Manufacturing
- ▶ Construction
- ▶ Foundries
- ▶ Pipe Manufacturing Industry
- ▶ Fabrication

PRODUCT OFFERINGS

- ▶ **Zirkon** Reinforced Cut-off Wheels are available for the user interested in premium performance on applications like SS Fabrication
- ▶ **SpitFire** Reinforced Cut-off Wheels - These are products engineered for versatile suitability on most cutting applications.
- ▶ **Gemini** Reinforced Cut-off Wheels offer a unique proposition of low thickness to enhance cutting efficiencies and found to be suitable on Riser cutting off applications
- ▶ **SiC** Reinforced Cut-off Wheels for non ferrous applications
- ▶ **Bear** Chopsaw Wheels are available for the new age light horsepower chopsaw machines
- ▶ **BDX** range of Extra Thin Wheels in less than 2mm thickness for precision easy cutting

AVAILABILITY RANGE

| Diameter | Thickness | Bore |
|----------|-------------|--------------------|
| <100 | 2.5 mm | 10 |
| 100 | 3 to 5 mm | 10, 12.7, 16 |
| 124-230 | 3 to 7 mm | 22.23 |
| 300-350 | 2.5, 3.2 mm | 25.4 mm |
| 400 mm | 3 to 4 mm | 25.4, 31.75, 40 mm |

Our stock availability range caters to more than 85% of common applications. In case of customized requirements, please contact our engineers at our closest office.

CUT-OFF WHEELS



STOCK AVAILABILITY TABLE

Cut-off Wheels (Reinforced)

| | | | BEST | | BETTER | | GOOD | |
|--------------------------|--------------|--------------|--------|--------------|----------|--------------|--------|--------------|
| Size Dia x Thk x Bore | Std. Pkg. | Speed RPM | Label | Stock No. | Label | Stock No. | Label | Stock No. |
| 63 x 2.5 x 10 | 80 | 24250 | | | Spitfire | R38 | | |
| 76 x 2.5 x 10 | 225 | | | | Norspeed | LT0503 | | |
| 100 x 4 x 12.7 | 120 | 15280 | | | Spitfire | R40 | | |
| 100 x 3 x 16 | 180 | 15280 | | | | | Gemini | R41 |
| 125 x 3 x 22.23 | 120 | 12000 | | | Spitfire | RDE04 | | |
| 180 x 3 x 22.23 | 65 | 8500 | Zirkon | ZR82 | Spitfire | R82 | Gemini | R82M |
| 180 x 4 x 22.23 | 50 | 8500 | Zirkon | ZR44 | Spitfire | R44 | Gemini | R44 |
| 230 x 3.2 x 22.23 | 25 | 6700 | | | Spitfire | R45 | | |
| 300 x 3.2 x 25.4 | 25 | 5090 | | | Spitfire | R47 | Gemini | R47M |
| 300 x 3.2 x 25.4 | 25 | 5090 | | | | | Bear | LT0153 |
| 350 x 3.2 x 25.4 | 25 | 4360 | | | Spitfire | R48 | Gemini | R48M |
| 350 x 3.2 x 25.4 | 25 | 4360 | | | | | Bear | LT0154 |
| 350 x 3.2 x 25.4 | 25 | 4360 | | | Spitfire | R49 | | |
| 400 x 3.2 x 31.75 | 20 | 3820 | | | Spitfire | R53 | | |
| 400 x 4 x 25.4 | 15 | 3820 | | | Spitfire | R56 | | |

THIN WHEELS

CUT-OFF WHEELS

Chopsaw Wheels

Suitable for low power chopsaw machines. Reinforced wheels with a unique design engineered for free cutting on all kinds of pipes, angles, channels.



THIN WHEELS

new STOCK AVAILABILITY TABLE Chopsaw Wheels

| Size Dia x Thk x Bore | Std. Pkg. | Speed RPM | Label | Stock No. |
|--------------------------|--------------|--------------|-------|--------------|
| 300 x 3.2 x 25.4 | 25 | 5090 | Bear | LT0153 |
| 350 x 3.2 x 25.4 | 25 | 4350 | Bear | LT0154 |

Extra Thin Wheels

Reinforced cut off wheels in Thickness of 1mm to 2mm. These wheels are designed to work at 80 m/s and offer following benefits.



new STOCK AVAILABILITY TABLE Extra Thin Wheels

| Size Dia x Thk x Bore | Std. Pkg. | Speed RPM | Label | Stock No. |
|--------------------------|--------------|--------------|----------|--------------|
| 76 x 2.5 x 10 | 225 | 20150 | Norspeed | LT0503 |
| 100 x 1.6 x 16 | 100 | 15300 | BDX | LT0506 |
| 125 x 1.6 x 22 | 100 | 12250 | BDX | LT0511 |
| 125 x 1 x 22 | 100 | 12250 | BDX | LT0512 |
| 180 x 1.6 x 22 | 40 | 8500 | BDX | LT0513 |
| 230 x 1.9 x 22 | 40 | 6650 | BDX | LT0514 |

1. High cut rates in view of low thickness
2. Job material savings because of low thickness
3. Lower power consumption
4. Enhanced machine life
5. Minimum burr generation while cutting
6. Double reinforced to provide safety.

Works very well on SS sheet cutting, tube cutting, PCB cutting/dairy industry/investment castings.