

# DEPRESSED CENTRE DISCS

**NORTON  
ADVANTAGE**

*SpitFire DCD from Grindwell Norton is India's largest selling brand of DCD's and is easily the industry's best line of performance and value.*



## PRODUCT OFFERINGS

- ▶ **Zirkon** Depressed Centre Disc for premium performance on applications like SS flat grinding, SS fabrication
- ▶ **SpitFire** Depressed Centre Discs are engineered for the best performance in the Indian market. They are customized based on user needs
- ▶ **Gemini** Depressed Centre Discs offer Value For Money proposition
- ▶ **Bear** DCDs are intended for low horsepower machines and are designed for good cut rates and meets general angle grinding application requirements.

## COMMON MACHINES

- ▶ Electric Angle Grinders
- ▶ Electric Straight Grinders
- ▶ Pneumatic Grinders
- ▶ High Frequency Machines

## END USER INDUSTRIES

- ▶ Chemical & Process Grinders
- ▶ Pipe Manufacturing Industry
- ▶ Grill Manufacturing Industry
- ▶ Dairy Industry
- ▶ Storage tank fabrication
- ▶ Plate/Angle iron fabrication
- ▶ Petrochemical maintenance
- ▶ All weld grinding
- ▶ Ship building
- ▶ Foundry gates and risers
- ▶ Pipeline notching and bevelling
- ▶ Removal of irregularities on steel rolled flats

## SpecCheck

Based on the job and quantum of cutting required, and the machine availability, wheel needs to be chosen. Typically the machine will limit the maximum size of the wheel used wherever safety guards are used. Based on customer expectation of life and cut rate, products can be chosen among the large availability

## SafetyTIPS



- ▶ Follow safe mounting practices as per BIS. Use flanges which support the depressed centre totally.
- ▶ Use machines conforming to BIS safety standards.

THIN WHEELS

# DEPRESSED CENTRE DISCS

## Zirkon

*The high performance DCD – the One and Only Zirkon – which has revolutionised high performance grinding for the discerning user. Available in Quick Cut and Long Life varieties.*



### BEST ZIRKON – THE HIGH PERFORMANCE DCD

FEATURE	BENEFITS
▶ Premium Zirconia Alumina abrasive	▶ Upto 2 times the cut-rate and life of conventional aluminium oxide
▶ Advanced bond system	▶ Free cutting and easy on the operator and machinery
	▶ Extensively used on Stainless Steel applications
	▶ Available in Quick Cut and Long Life varieties

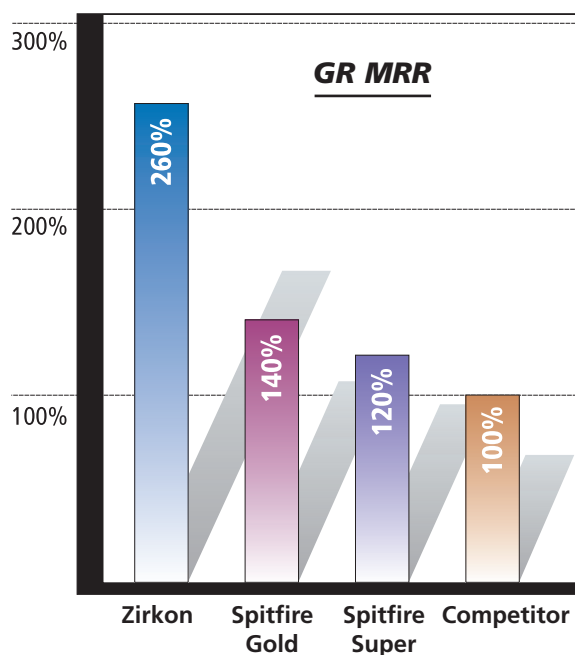
### STOCK AVAILABILITY TABLE

#### Zirkon Depressed Centre Discs

Size Dia x Thk x Bore	Std. Pkg.	Speed RPM	Label	Stock No.
180 x 6 x 22.23	35	8500	Zirkon Quick Cut	ZD4
180 x 7 x 22.23	30	8500	Zirkon Long Life	ZD1
230 x 7 x 22.23	12	6700	Zirkon Long Life	ZD2



### PERFORMANCE CHART



THIN WHEELS

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## SpitFire

*The industry standard DCD's are available in various specifications to suit every discernible need of the end-user.*



### BETTER SPITFIRE – INDIA'S LARGEST SELLING DCDs

#### FEATURES

- ▶ Unique product segmentation
- ▶ Tested against stringent safety standards

#### BENEFITS

- ▶ Products are available to suit every imaginable customer need
- ▶ The safest product in an application where a faulty wheel can be fatal.

#### PRODUCT OFFERINGS

- ▶ **Speed Cut** – India's fastest cutting DCD For an extremely high stock removal rate, perfect for contractual jobs racing against deadlines. Increases machine life.
- ▶ **Quick Cut** – The industry favourite DCD with a good cut-rate and long life. Suitable for most fabrication applications.
- ▶ **Long Life** – The DCD which gives a moderate cut-rate while it lasts and lasts and lasts. Suitable for most foundries.
- ▶ **SpitFire Gold** – A revolutionary product for high performance grinding. Suitable for Alloy Steel jobs.
- ▶ **Stainless Steel** – Specially made for working on stainless steel.
- ▶ **Cast Iron** – Extremely suitable for Cast Iron foundries for a optimum balance of cut rate and life.



#### STOCK AVAILABILITY TABLE

##### Spitfire Depressed Centre Discs - Type 27

Size Dia x Thk x Bore	Std. Pkg.	Speed RPM	Label	Stock No.
100 x 4 x 16	120	15200	Spitfire Long Life	D8
100 x 4 x 16	120	15200	Spitfire Quick Cut	D9
125 x 5 x 22.23	50	12200	Spitfire Quick Cut	D24
125 x 7 x 22.23	60	12200	Spitfire Quick Cut	D22
180 x 5 x 22.23	40	8500	Spitfire Long Life	D1
180 x 5 x 22.23	40	8500	Spitfire Quick Cut	D20
180 x 7 x 22.23	30	8500	Spitfire Long Life	D2
180 x 7 x 22.23	30	8500	Spitfire Quick Cut	D3
180 x 7 x 22.23	30	8500	Spitfire Gold	D30G
180 x 7 x 22.23	30	8500	Spitfire Speedcut	D35
180 x 7 x 22.23	30	8500	Spitfire St. Steel	D4
180 x 7 x 22.23	30	8500	Spitfire Cast Iron	D7
230 x 5 x 22.23	18	6700	Spitfire Cast Iron	D15
230 x 7 x 22.23	12	6700	Spitfire Long Life	D5
230 x 7 x 22.23	12	6700	Spitfire Quick Cut	D6
230 x 7 x 22.23	12	6700	Spitfire Gold	D60G
230 x 7 x 22.23	12	6700	Spitfire Cast Iron	D19

THIN WHEELS



# DEPRESSED CENTRE DISCS

## Gemini Depressed Centre Discs

*The Value for Money Depressed Centre Discs which is popular with many industries.*



### GOOD GEMINI – THE VALUE FOR MONEY DCDs

#### BENEFITS

- ▶ Easily the best product in its class
- ▶ Engineered to give the highest safety and a good cut rate

### STOCK AVAILABILITY TABLE

#### Gemini Depressed Centre Discs

Size Dia x Thk x Bore	Std. Pkg.	Speed RPM	Label	Stock No.
180 x 7 x 22.23	30	8500	Gemini Fabrication	D93
180 x 7 x 22.23	30	8500	Gemini Super Cut	D3MC
230 x 6.5 x 22.23	12	6700	Gemini Fabrication	D6M

## Bear Depressed Centre Discs

*The Bear products are economy products for light applications. These are designed for ease of cut and are suitable on angle grinding applications. These products are very economical and have the advantages of safety, consistency & reliability of the worlds best technologies.*



### STOCK AVAILABILITY TABLE

#### Bear Depressed Centre Discs

Size Dia x Thk x Bore	Std. Pkg.	Speed RPM	Label	Stock No.
100 x 4 x 16	120	13750	Brown Bear	D9E
100 x 4 x 16	200	13750	Polar Bear	LT0131
100 x 6 x 16	200	13750	Polar Bear	LT0132
125 x 5 x 22.23	50	12000	Bear	D24E
180 x 6 x 22	50	7500	Brown Bear	LT0D3E



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## Construction Industry Products

*Norton also makes speciality offerings for the construction segment. DCDs for beveling/rounding off edges of Glass and Marble are also available. Further they come in various grits to take care of the finish requirements of most users.*



### STOCK AVAILABILITY TABLE

#### Speciality DCDs – Glass

Size Dia x Thk x Bore	Std. Pkg.	Speed RPM	Label	Stock No.
100 x 7 x 16	60	15300	Norton Glass 36	D812
100 x 7 x 16	60	15300	Norton Glass 46	D813
100 x 7 x 16	60	15300	Norton Glass 60	D81
100 x 7 x 16	60	15300	Norton Glass 80	D814
100 x 7 x 16	60	15300	Norton Glass 120	D815

#### Speciality DCDs – Marble

Size Dia x Thk x Bore	Std. Pkg.	Speed RPM	Label	Stock No.
100 x 2.2 x 16	300	13750	Norton Marble 46	LT0101
100 x 2.2 x 16	300	13750	Norton Marble 60	LT0102
100 x 2.2 x 16	300	13750	Norton Marble 80	LT0103
100 x 2.2 x 16	300	13750	Norton Marble 120	LT0104
100 x 2.2 x 16	300	13750	Norton Marble 180	LT0106
100 x 2.2 x 16	300	13750	Norton Marble 220	LT0107

THIN WHEELS