

# CC-GRIND Grinding Discs from PFERD

For professional stock removal



**NEW**



- Maximum productivity through extremely high removal rate
- Quick-Change system minimizes down-time
- Patented cooling system generates low grinding temperatures

# CC-GRIND Quick-Change Grinding Discs

Maximizing productivity with extreme removal rates



For highly abrasive grinding with ultimate stock removal and extended service life on large surfaces. The special grinding disc and backing pad combination allows maximum machining capacity in a very short time.

The backing pad and grinding disc are equipped with a patented quick-change system. This guarantees tool-free disc change-ups.

## Advantages

Quick-change system, high-performance grinding agents and optimum cooling system result in:

- Workpiece temperature reduced by up to 30 %.
- Aggressiveness increased by up to 40 %.
- Service life increased by up to 30 %.
- Low-vibration work.
- Low noise emissions.
- Low stress on the angle grinder.

## Recommendation for Use

- Only use CC-GRIND for surface grinding. Not suitable for edge grinding.
- Avoid use on sharp edges as much as possible to prevent disc damage.

## Safety Note:

For safety reasons the stated max. RPM level must not be exceeded.



## Safety recommendations:

The maximum permitted peripheral speed is 80 m/s.



= Wear protective goggles!



= Use ear protection!



= Wear dust respirators!



= Observe safety recommendations!



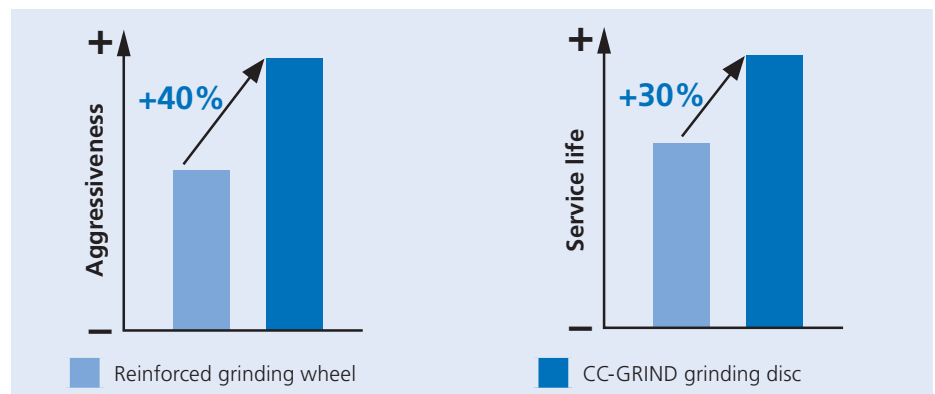
= Only approved with a backing pad!



= Not approved for wet grinding!

## Profitability increased by 35 %

With a combination of significantly increased aggressiveness during the grinding process and extended service life, CC-GRIND improves productivity by more than 35 % compared to a conventional reinforced grinding wheel.



## Noise and Vibration reduced by 50 %

The grinding disc CC-GRIND from PFERD reduces noise and vibration levels by about 50 % compared to conventional reinforced grinding wheels.

**PFERDERGONOMICS** recommends the CC-GRIND abrasive disc as an innovative tool solution for hard and rough jobs.

## PFERDERGONOMICS

Special PFERD products help to reduce the hazardous vibrations and noise during the work process.

To be able to fulfill these increased requirements, **PFERDERGONOMICS** supplies solutions for

- Lower vibration
- Reduced noise
- Less dust exposure
- Optimized haptics at work.



We will be happy to send you more information about the topic of health and safety upon request.



High performance quick-change grinding disc for extremely high stock removal performance on steel.

### Workpiece Materials

Steel

### Application

Surface grinding

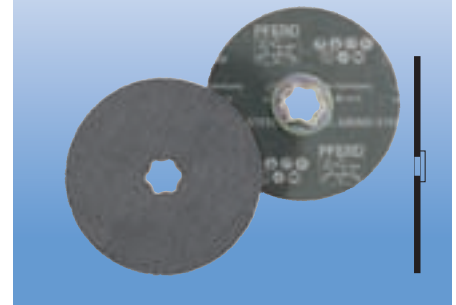
### Ordering Note

Please order backing pad separately.

### PFERD Specification Number

CC-GRIND SG-STEEL

### Steel Flat Type



| Diameter (D)<br>[Inches] | EDP<br>Number | Compatible<br>Backing Pad |  | Max.<br>RPM |
|--------------------------|---------------|---------------------------|-------------------------------------------------------------------------------------|-------------|
| 4-1/2                    | 61940         | EDP 69476, 69477          | 25                                                                                  | 13,300      |
| 5                        | 61950         | EDP 69476, 69477          | 25                                                                                  | 12,200      |



High performance quick-change grinding disc for cool grinding with very good stock removal on stainless steel (INOX).

### Workpiece Materials

Stainless steel (INOX)

### Application

Surface grinding

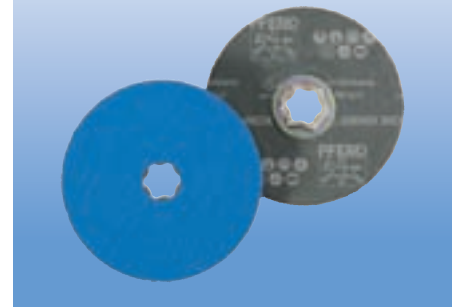
### Ordering Note

Please order backing pad separately.

### PFERD Specification Number

CC-GRIND SG-INOX

### Stainless Steel (INOX) Flat Type



| Diameter (D)<br>[Inches] | EDP<br>Number | Compatible<br>Backing Pad |  | Max.<br>RPM |
|--------------------------|---------------|---------------------------|---------------------------------------------------------------------------------------|-------------|
| 4-1/2                    | 61941         | EDP 69478, 69479          | 25                                                                                    | 13,300      |
| 5                        | 61951         | EDP 69478, 69479          | 25                                                                                    | 12,200      |

With this backing pad, CC-GRIND discs can be mounted on standard angle grinders.

The geometry of the cooling slits ensures high air flow. This significantly reduces the thermal load on the workpiece and the abrasive discs.

The patented quick-change system reduces tool change-up times to a minimum.

The special backing pad design significantly increases grinding performance.

For steel = grey

For stainless steel (INOX) = blue

### Safety Note

The maximum permitted peripheral speed is 80 m/s.

### PFERD Specification Number

CC-GRIND GT

### Backing Pads CC-GRIND



| Diameter (D)<br>[Inches] | Thread Size | Workpiece Material     | EDP<br>Number |  | Max.<br>RPM |
|--------------------------|-------------|------------------------|---------------|---------------------------------------------------------------------------------------|-------------|
| 4-1/2, 5                 | 5/8-11      | Steel                  | 69476         | 1                                                                                     | 13,300      |
| 4-1/2, 5                 | M14         | Steel                  | 69477         | 1                                                                                     | 13,300      |
| 4-1/2, 5                 | 5/8-11      | Stainless Steel (INOX) | 69478         | 1                                                                                     | 13,300      |
| 4-1/2, 5                 | M14         | Stainless Steel (INOX) | 69479         | 1                                                                                     | 13,300      |

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