

INDUSTRIAL ABRASIVES WHEELS

Precision • Durability • Performance

SARPT^{EC} Industrial Abrasives Wheels are engineered to deliver exceptional cutting, grinding, and finishing performance across a wide range of industrial applications. Built with advanced abrasive technology and reinforced safety standards, every SARPT^{EC} disc is designed to meet the demanding needs of metal fabrication, construction, manufacturing, and maintenance industries.

With a strong focus on sharpness, long life, and high efficiency, SARPT^{EC} products ensure clean cuts, powerful grinding action, and consistent results even under heavy workloads. Whether used by professional welders, fabrication experts, or workshop technicians, SARPT^{EC} abrasives provide the reliability and precision required for modern industrial operations.

Manufactured under strict quality control and certified to international standards, SARPT^{EC} wheels combine German technology, premium materials, and MPA-approved safety to guarantee superior performance and operator protection. From cutting discs to grinding wheels and flap discs, SARPT^{EC} offers a complete solution for INOX, metal, steel, and multi-material applications.

SARPT^{EC} stands as a trusted choice for industries that demand durability, accuracy, and long-lasting value—making every project smoother, faster, and more efficient.

Cutting Disc

Size: 4.5"
Thickness: 1.0 mm
Bore: 22.2

Size: 4.5 "
Thickness: 3.2 mm
Bore: 22.2

Size: 7 "
Thickness: 3.2 mm
Bore: 22.2



Grinding Disc

Size: 4.5"
Thickness: 6.0 mm
Bore: 22.2

Size: 7 "
Thickness: 6.0 mm
Bore: 22.2



Flap Disc

Zirconia Aluminium
Size: 4.5"
Grit: 80#
Bore: 22.2

Aluminum Oxide
Size: 4.5"
Grit: 80#
Bore: 22.2



Product Description

A high-precision cutting disc engineered for fast, clean cuts on INOX and metal. Designed for industrial performance, the SARPT^{EC} 4.5" Cutting Disc delivers exceptional sharpness, stability, and long service life. Ideal for both professional workshops and general-purpose cutting tasks.

Key Features

- Ultra-thin 1.0 mm disc for fast, burr-free cutting
- Reinforced construction for enhanced safety
- EN 12413 & ISO 9001 compliant
- MPA Hannover approved
- Optimized for INOX & METAL
- Suitable for all 4.5" angle grinders



Applications

- Metal fabrication
- Pipe cutting
- Structural steel work
- Automotive repair
- Industrial maintenance
- Construction site cutting tasks

Certification

- ISO 9001
- MPA Z-14871
- MPA Hannover
- EN 12413

Safety Instructions

- Do not exceed maximum RPM
- Always wear head, eye, face & body protection
- Do not use on pistol-grip air sanders
- Use proper guards

Technical Data

Parameter	Value
Art No.	STCD1151
Size	4.5"
Thickness	1.0 mm
Dimension	Ø115 × 1.0 × 22.2 mm
Shape	Flat Center Cutting Wheel
Max Speed	80 m/s
Max RPM	13,300
Material Suitability	INOX / METAL
Standard	EN 12413

Product Description

A durable, heavy-duty cutting disc designed for tougher and thicker metal sections. The 3.2 mm thickness provides stability, long life, and consistent performance in demanding industrial environments.

Key Features

- Strong 3.2 mm disc for heavy-duty cutting
- Double-reinforced for break resistance
- EN 12413 & ISO 9001 compliant
- MPA Hannover approved
- Optimized for INOX & METAL
- Suitable for all 4.5" angle grinders



Applications

- Metal fabrication
- Pipe cutting
- Structural steel work
- Automotive repair
- Industrial maintenance
- Construction site cutting tasks

Certification

- ISO 9001
- MPA Z-14873
- MPA Hannover
- EN 12413

Safety Instructions

- Do not exceed maximum RPM
- Always wear head, eye, face & body protection
- Do not use on pistol-grip air sanders
- Use proper guards

Technical Data

Parameter	Value
Art No.	STCD1153
Size	4.5"
Thickness	3.2 mm
Dimension	Ø115 × 3.2 × 22.2 mm
Shape	Depressed Center Cutting Wheel
Max Speed	80 m/s
Max RPM	13,300
Material Suitability	INOX / METAL
Standard	EN 12413

Product Description

A high-performance 7" cutting disc engineered for large-scale industrial cutting. Delivers powerful cutting action, long life, and excellent stability for heavy-duty applications.

Key Features

- Large 7" disc for industrial cutting
- Reinforced for maximum safety
- EN 12413 & ISO 9001 compliant
- MPA Hannover approved
- Optimized for INOX & METAL
- Suitable for all 7" angle grinders



Applications

- Metal fabrication
- Pipe cutting
- Structural steel work
- Automotive repair
- Industrial maintenance
- Construction site cutting tasks

Certification

- ISO 9001
- MPA Z-14873
- MPA Hannover
- EN 12413

Safety Instructions

- Do not exceed maximum RPM
- Always wear head, eye, face & body protection
- Do not use on pistol-grip air sanders
- Use proper guards

Technical Data

Parameter	Value
Art No.	STCD1803
Size	7"
Thickness	3.2 mm
Dimension	Ø180 × 3.2 × 22.2 mm
Shape	Depressed Center Cutting Wheel
Max Speed	80 m/s
Max RPM	8,600
Material Suitability	INOX / METAL
Standard	EN 12413

Product Description

A heavy-duty grinding disc designed for aggressive material removal on metal and stainless steel. Built for durability and long service life in industrial grinding applications.

Key Features

- 6.0 mm thick for powerful grinding
- High stock removal rate
- Long life & stable performance
- Reinforced for safety
- Suitable for 4.5" grinders



Applications

- Weld grinding
- Surface preparation
- Edge beveling
- Rust removal
- Fabrication workshops

Certification

- ISO 9001
- MPA Z-14872
- MPA Hannover
- EN 12413

Safety Instructions

- Do not exceed maximum RPM
- Always wear head, eye, face & body protection
- Do not use on pistol-grip air sanders
- Use proper guards

Technical Data

Parameter	Value
Art No.	STGD1156
Size	4.5"
Thickness	6.0 mm
Dimension	Ø115 × 6.0 × 22.2 mm
Shape	Depressed Center Grinding Wheel
Max Speed	80 m/s
Max RPM	13,300
Material Suitability	INOX / METAL
Standard	EN 12413

Product Description

A robust 7" grinding disc engineered for industrial grinding tasks requiring high stock removal and long-lasting durability.

Key Features

- Thick 6.0 mm disc for heavy grinding
- High performance & long life
- Reinforced for maximum safety
- Suitable for 7" grinders



Applications

- Heavy grinding operations
- Shipyard & construction
- Industrial fabrication
- Weld removal
- Steel surface preparation

Certification

- ISO 9001
- MPA Z-14872
- MPA Hannover
- EN 12413

Safety Instructions

- Do not exceed maximum RPM
- Always wear head, eye, face & body protection
- Do not use on pistol-grip air sanders
- Use proper guards

Technical Data

Parameter	Value
Art No.	STGD1806
Size	7"
Thickness	6.0 mm
Dimension	Ø180× 6.0 × 22.2 mm
Shape	Depressed Center Grinding Wheel
Max Speed	80 m/s
Max RPM	8,600
Material Suitability	INOX / METAL
Standard	EN 12413

Product Description

A premium zirconia flap disc designed for stainless steel and metal finishing. Offers excellent durability, cooling effect, and smooth grinding performance

Key Features

- Zirconia abrasive for high performance
- Long life & reduced heat buildup
- Flexible flaps for smooth finishing
- Low vibration design
- Suitable for stainless steel & metal



Applications

- Stainless steel finishing
- Weld blending
- Deburring
- Surface preparation
- Metal fabrication

Certification

- ISO 9001
- MPA Z-14870
- MPA Hannover

Safety Instructions

- Do not exceed maximum RPM
- Always wear head, eye, face & body protection
- Do not use on pistol-grip air sanders
- Use proper guards

Technical Data

Parameter	Value
Art No.	KFD115ZA
Size	4.5"
Dimension	115 × 22.2 mm (4.5" × 7/8")
Material	Zirconia Aluminium
Grit	80
Max RPM	13,300
Material Suitability	INOX / METAL
Colour	Blue
Type	T27

Product Description

A versatile flap disc designed for grinding wood and steel. Built with aluminum oxide abrasive for smooth, controlled material removal.

Key Features

- Aluminum oxide abrasive
- Suitable for wood & steel
- Smooth grinding performance
- Long-lasting durability
- Reduced vibration



Applications

- Wood shaping
- Steel grinding
- Deburring
- Surface finishing
- DIY & workshop use

Certification

- ISO 9001
- MPA Z-14870
- MPA Hannover

Safety Instructions

- Do not exceed maximum RPM
- Always wear head, eye, face & body protection
- Do not use on pistol-grip air sanders
- Use proper guards

Technical Data

Parameter	Value
Art No.	KFD115AO
Size	4.5"
Dimension	115 × 22.2 mm (4.5" × 7/8")
Material	Aluminum Oxide
Grit	80
Max RPM	13,300
Material Suitability	Wood & Steel
Colour	Brown
Type	T27