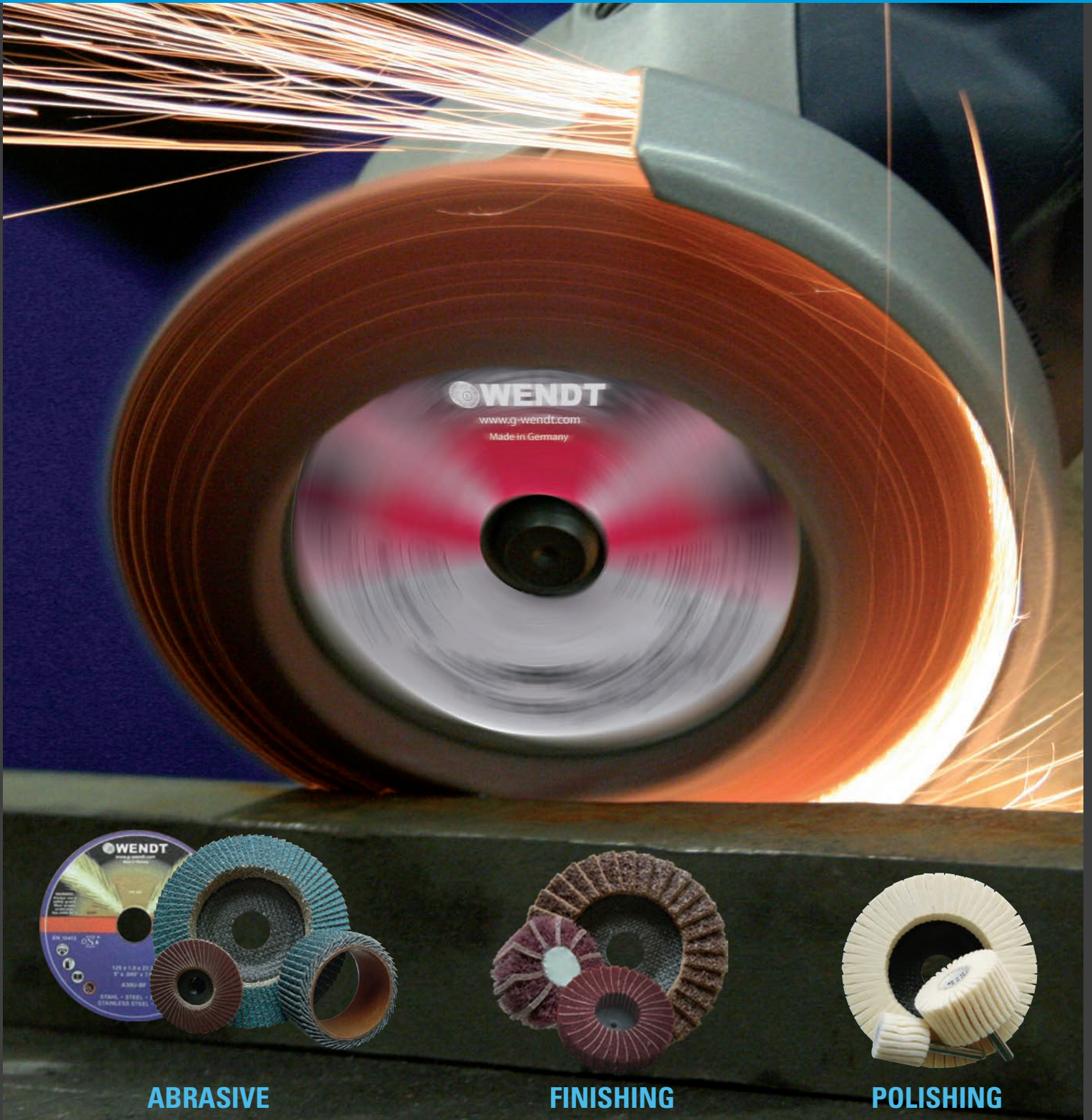




# WENDT™



**ABRASIVE**

**FINISHING**

**POLISHING**








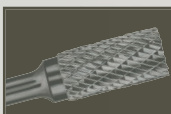
## 2010





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## **WENDT** WHO WE ARE ...

Dipl.-Ing GünterWendt GmbH is a family-held, privately owned manufacturer specializing in the production of abrasive, finishing and polishing products. Our organization was founded in 1971 near Köln, Germany by GünterWendt. His goal then, as it is today, was to constantly improve abrasive tools to increase their productivity. Our success has come from making tools of the best quality, as well as developing new products which set us apart from the competition.



In three decades since, we have developed and patented numerous innovative products and become recognized as a leader in our industry.

- 
**THE FIRST** manufacturer to produce 10mm (3/8") diameter Mini Flap Wheels
- 
**THE FIRST** manufacturer to produce a flap wheel only 3 mm (1/8") wide.
- 
**THE FIRST** to produce an aluminium backed flap disc, and the only one to offer an aluminium back with consumable grinding edge.
- 
**THE FIRST** to produce flap discs with a fiberglass backing. (85% of flap discs produced world-wide now use this method)
- 
**THE FIRST** to produce Mini Flap Discs.
- 
**THE FIRST** to manufacture a Flap Band.
- 
**ONE OF THE FIRST** to manufacture Flap Discs made with Surface Conditioning Material (SCM).
- 
**THE FIRST** to offer Polishing wheels made with Felt Flaps.
- 
**THE FIRST** to produce Felt Polishing Cartridge Rolls.

We are constantly expanding our product offering to satisfy customer needs from rough grinding to fine polishing - and every step in between. Many times the process can be completed with only one tool, by changing the accessories.

We have developed a very broad, and deep range of abrasive products which operators can utilize with the most common power tools. Wendt GmbH holds a number of patents for innovative products which are unique to our organization. Our customers are not restricted to the standard products we list in our catalogue. A significant portion of our business involves the manufacture of custom products for special needs.





# **WENDT™** OUR COMMITMENT...

## **QUALITY:**

All materials used in the production of Wendt products are extensively tested to ensure our products deliver the best performance possible. Materials are carefully selected to meet the needs of the products they will go into. For example, an abrasive material which performs well in a flap disc might not be suitable for a flap wheel.

We work with all of Europe's leading abrasive suppliers, giving us access to a wide selection of materials and allowing us to pick from the "best of the best".



Wendt is a DIN EN ISO 9001 : 2000 manufacturer.

## **CONSISTENCY:**

Although we have access to many suppliers, our standard products are consistently made with the same material. Once a product is approved, our incoming raw materials are strictly tested to verify they are on grade before they ever go into production. As part of our made-to-order capabilities, customers can request product in special materials. Minimum quantities may apply.

## **SERVICE:**

In 2001, Wendt established operations in both the United Kingdom and United States to enhance service to these markets.

Today we have expanded our production with additional manufacturing in each of these locations.



Wendt UK, Ltd.  
Glasgow, UK



Wendt USA, LLC  
Buffalo, New York USA



Wendt do Brasil  
Indaiatuba, Brasil



Wendt Sarl  
Sarreguemines, France

In 2005 we established our first sales office to directly service in Eastern Europe, with the opening of Wendt Abrasive RU S.R.L. in Romania.

We have subsequently followed up with additional operations in France and Brazil. Following our tradition we also serve our clients here with a high quality, professional team of experts from the market.

We constantly find new solutions for the industry that can benefit to all our customers world-wide.



## PRODUCT OVERVIEW

CLEANING		MORE AGGRESSIVE	
REX NONWOVEN CLEANING	CUTTING & GRINDING (Bonded Abrasives)	COATED ABRASIVES	
<p>Coarse Silicon Carbide grain dispersed throughout a strong nylon web.</p> <p>Aggressively removes rust, weld spatter, paint and coatings without loading or clogging. Tough enough for deburring.</p> <p>Easier, safe, and faster alternative to wire brushes.</p>	<p>Complete selection of cutting wheels for Steel, Stainless Steel and Stone.</p> <p>Extra-thin cutoff wheels for minimal resistance, yet maximum life.</p> <p>Premium grade Type 27 Grinding Wheels for heavy stock removal on Steel and Stainless.</p>	A variety of premium grains bonded to a cotton, polyester or poly-cotton backing.	
		<b>Aluminium Oxide (A) and (N)</b> An all purpose grain for general grinding, sanding and finishing.	
		<b>Zirconia (E), (R) and (X)</b> More durable and aggressive than aluminium oxide. Performs best when slight pressure is applied. Good choice for stainless steel.	
		<b>Ceramic (K)</b> Maximum durability with aggressive stock removal and cooler grinding on stainless steel, hard metals, and alloys.	
		<b>Silicon Carbide (S)</b> A brittle, self-sharpening grain for stone, glass, plastics and very hard materials like titanium.	
SPECIFICATIONS	SPECIFICATIONS	SPECIFICATIONS	
S-COARSE	STEEL, INOX, STONE	GRITS 24 TO 400, DEPENDING UPON ABRASIVE TYPE.	
VERSIONS	VERSIONS	VERSIONS	
DISCS	TYPES 41, 42 CUTTING	DISCS	CARTRIDGE ROLLS
FLAP ROLLS	TYPE 27 GRINDING	FLAP DISCS	FLAP BANDS
SHANK MOUNTED WHEELS		FLAP ROLLS	SPIRAL BANDS
		FLAP WHEELS	SHANK MOUNTED FLAP WHEELS

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## THROUGHOUT THE CATALOGUE....

QUICK GUIDE	
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Blending	
Finishing	
Polishing	

**QUICK GUIDES** located next to each chart will provide you with general recommendations.



**QUICK TIP:**



Select **Type 29** shape for faster stock removal, bevelling and contoured shapes.



Select **Type 28** shape for finishing applications on flat surfaces.

**QUICK TIPS** offer suggestions for maximizing product performance.





## PRODUCT OVERVIEW

### POLISHING

INTERLEAVED FINISHING	NONWOVEN FINISHING	PRE-POLISHING	FELT POLISHING
<p>Alternating flaps of coated abrasive and nonwoven finishing materials.</p> <p>The coated flaps provide light stock removal or deburring, while the nonwoven flaps apply a good finish.</p> <p>Produces a brushed, or lightly grained finish, as is popular with stainless steel food processing equipment.</p>	<p>Abrasive grain distributed throughout a 3-dimensional nylon web.</p> <p>Conditions, cleans and finishes the surface without undercutting the material.</p> <p>Some products are available in Surface Conditioning Material and Convolute versions with heavier grain concentrations and densities for added aggressiveness and strength.</p>	<p>High concentration of abrasive grain throughout a firm, nonwoven base material.</p> <p>The additional grain requires less operator pressure, increasing tool life and grinding cooler.</p> <p>Achieve final finishes and well prepared surface prior to Polishing.</p>	<p>For producing up to a mirror finish !!</p> <p>Made from 100% wool felt and used with a polishing paste or buffing compound.</p> <p>Felt is arranged in a flap pattern to allow cooler air flow and dissipate the heat.</p> <p>Felt flap wheels are more flexible than solid felt points and eliminate the need for assorted shapes.</p> <p>Wheels also available in slit brushes for added flexibility</p>
SPECIFICATIONS	SPECIFICATIONS	SPECIFICATIONS	SPECIFICATIONS
A60/COARSE TO A320/ VERY FINE	A-COARSE TO S-ULTRA FINE	GRITS 240 TO 1500	EXTRA-SOFT TO FIRM
VERSIONS	VERSIONS	VERSIONS	VERSIONS
FLAP DISCS	DISCS      HAND PADS	UNITIZED DISCS	FLAP DISCS
FLAP ROLLS	FLAP DISCS      FLAP ROLLS	UNITIZED MOUNTED FLAP WHEELS	FLAP ROLLS
FLAP WHEELS	FLAP WHEELS      CONVOLUTE WHEELS	FLAP ROLLS	FLAP WHEELS      CARTRIDGE ROLLS
SHANK MOUNTED FLAP WHEELS	MTD FLAP WHLS		SHANK MOUNTED FLAP WHEELS

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## NOT SURE WHERE TO BEGIN?

### IDENTIFY YOUR JOB REQUIREMENTS.

- What are you trying to accomplish?
- What surface finish is required?
- What tools do you have available to work with?
- Review the product overview above to determine which material may be best suited to accomplish your goal. (Remember: It may be a multiple step process.)
- Consult the catalogue pages 6 and 7 to see if the material(s) are available for the tools you are using.
- (Warning: Do not try to use a product which was not designed specifically for that tool. Always verify that the speed rating of the product meets or exceeds the rating of the tool.)

### REVIEW THE SELECTION.

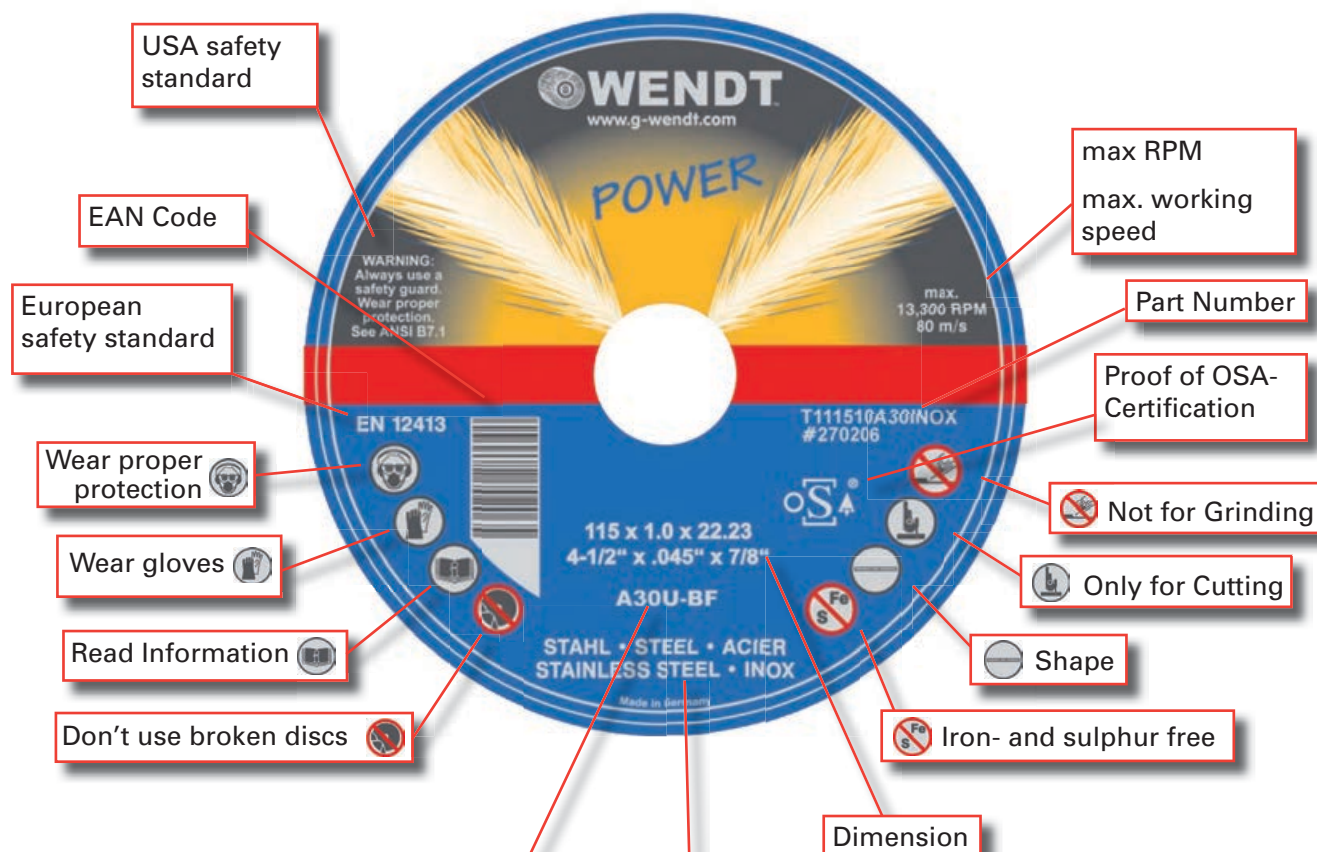
Did you pick the most efficient solution?

The most cost effective method usually involves getting the job done fastest, and most efficiently. Your most dramatic savings often come from labour expenses, rather than material costs!

### STILL NOT SURE WHICH PRODUCTS TO USE?

Contact our customer service for product recommendations.

## Markings on Cutting and Grinding Discs

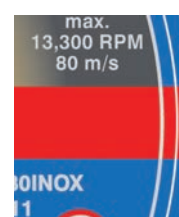


### ISO-identification

**A:** Aluminium Oxide  
**C:** Silicon Carbide  
**Z:** Zirconium  
**30: Grit** (4 - 24 = Rough;  
 30 - 60 = Medium;  
 70 - 222 = Fine)  
**U:** Hardness (A = Soft to Z = Hard)  
**BF:** Synthetic resin bonding with fibre reinforced

### Cross Beam Colour

**Speed**  
 50 m/sec  
 63 m/sec  
 80 m/sec  
 100 m/sec



**Color**



## Label-Colour Guide



Good Performance on **Stainless Steel**



Best Performance on **Aluminium**



Best Performance on mild **Steel**



Best Performance on **Stainless Steel**



Extra Performance and Longest Life on **Stainless Steel**





Wendt Cutting and Grinding Discs are manufactured to the best performing specifications for a variety of metal- and stoneworking applications. Our program includes the most popular sizes used on angle grinders.

## Quality:

All materials used in the production of Wendt products are extensively tested to ensure our products deliver the best performance possible. Materials are carefully selected to meet the needs of the products they will go into.

All our Cutting and Grinding Discs are OSA-certified.

## Consistency:

Wendt Grinding and Cutting Discs are manufactured and certified according to quality standard EN12413.

This ensures consistent quality of the products from order to order.

## Wendt Quality Lines:

To meet all possible requirements Wendt offers a wide range of different Cutting Discs. Our Cutting Discs are divided into 3 separate lines with different characteristics. The most important benchmarks are aggressiveness and product life.

The chart below gives an overview of the product lines and the belonging performance characteristics.

Line	Characteristics	Aggressiveness	Product Life
<b>BASIC</b>	Good performing, economical entry line.		
<b>POWER</b>	Standard line with fast cutting and fast stock removal combined with a long life.		
<b>PREMIUM</b>	Extra performance and longest life.		

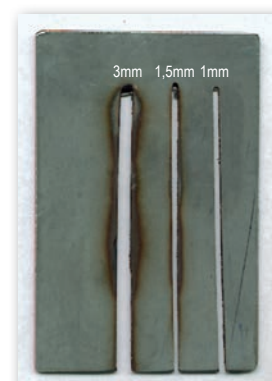
You can find the relevant chart according to each product on the following product pages.

## Thin disc advantages:

Cutting Discs with a thickness of 1mm are becoming more and more standard.

These offer a number of advantages against their thicker counterparts:

- faster cutting
- narrow cutting joints
- lower heat generation
- lower material losses
- less sparking
- lower machine load extends tool life



## PREMIUM

Aggressiveness	    
Product Life	    



### Stainless Steel - Extra Performance

Extra-Performance discs deliver longest life on stainless steel cutting applications. Iron and Sulphur free specification.

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#### Type T1 A46INOX

a x c x b (mm)	Type 41	MAX	
115 x 1,0 x 22,23	270306	13.300	25
125 x 1,0 x 22,23	270307	12.200	25
115 x 1,5 x 22,23	270311	13.300	25
125 x 1,5 x 22,23	270312	12.200	25
178 x 1,5 x 22,23	270314	8.600	25
230 x 1,9 x 22,23	270315	6.600	25





# POWER

Aggressiveness	   
Product Life	   



## Power Cutting Discs




### Steel

Rapid cutting and good life on mild steel applications.

#### Type T1 A46UNI



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 a x c x b (mm)	Type 41		
115 x 1,0 x 22,23	270106	13.300	25
125 x 1,0 x 22,23	270107	12.200	25
115 x 1,5 x 22,23	270111	13.300	25
125 x 1,5 x 22,23	270112	12.200	25
178 x 1,5 x 22,23	270114	8.600	25



#### Type T1 A24UNI



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 a x c x b (mm)	Type 41		
115 x 3,0 x 22,23	270127	13.300	25
125 x 3,0 x 22,23	270128	12.200	25
178 x 3,0 x 22,23	270130	8.600	25
230 x 3,0 x 22,23	270131	6.600	25



#### Type T2 A24UNI



QUICK GUIDE
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<b>Cutting</b>
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 a x c x b (mm)	Type 42		
115 x 3,0 x 22,23	270166	13.300	25
125 x 3,0 x 22,23	270168	12.200	25
178 x 3,0 x 22,23	270172	8.600	25
230 x 3,0 x 22,23	270174	6.600	25



#### QUICK TIP:

Special discs for cast iron and other sizes and specifications available upon request.

# POWER

Aggressiveness					
Product Life					






## Stainless Steel

Provides fast cutting action on stainless steel. Iron and Sulphur free specification.

### Type T1 A30INOX




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 a x c x b (mm)	Type 41		
115 x 1,0 x 22,23	270206	13.300	25
125 x 1,0 x 22,23	270207	12.200	25
115 x 1,5 x 22,23	270211	13.300	25
125 x 1,5 x 22,23	270212	12.200	25
125 x 2,5 x 22,23	270217	12.200	25
178 x 2,5 x 22,23	270218	8.600	25



### Type T2 A30INOX

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 a x c x b (mm)	Type 42		
115 x 1,5 x 22,23	270241	13.300	25
125 x 1,5 x 22,23	270242	12.200	25
230 x 1,9 x 22,23	270245	6.600	25



# POWER




## Aluminium

Fast cutting and staying power on aluminium and NF-metals.

Special filling materials prevent the disc from clogging, thus guaranteeing an efficient, sharp cut and a long lifetime.

### Type T1 C46A

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 a x c x b (mm)	Type 41		
115 x 1,5 x 22,23	270706	13.300	25
125 x 1,5 x 22,23	270707	12.200	25
178 x 1,5 x 22,23	270710	8.600	25
230 x 1,9 x 22,23	270212	6.600	25



### QUICK TIP:

The depressed center gives a rigidity and steadiness of the cut that is completely different from the flat discs.



# BASIC

Aggressiveness					
Product Life					






## Basic

Best choice for customers looking for an economical disc and standardized product features.

### Type T1 A46BASIC



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 a x c x b (mm)	Type 41		
115 x 1,0 x 22,23	270406	13.300	25
125 x 1,0 x 22,23	270407	12.200	25
125 x 1,5 x 22,23	270412	12.200	25
178 x 1,5 x 22,23	270414	8.600	25
230 x 1,9 x 22,23	270415	6.600	25



# POWER

Aggressiveness	    
Product Life	    






## Steel

Provides a lot of power and a high cutting speed on mild steel applications. Achieves excellent cutting results on machines with weak drives. Works ideally on chop saws (up to 3KW driving power), but is also suitable for desk machines.

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### Type T1 A36UNI

	Type 41		
			
a x c x b (mm)			
300 x 2,8 x 25,4	271203	5.500	10
350 x 2,8 x 25,4	271205	4.400	10

**NEW  
PRODUCT**



**QUICK TIP:**

Special discs for cast iron and other sizes and specifications available upon request.





# Grinding Discs for angle grinders

## Steel

Excellent stock removal and good life on mild steel applications.

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### Type S7 A30UNI

 a x c x b (mm)	Type 27	MAX	
115 x 6,5 x 22,23	27176	13.300	10
125 x 6,5 x 22,23	27178	12.200	10
178 x 7,0 x 22,23	27182	8.600	10
230 x 7,0 x 22,23	27186	6.600	10

Aggressiveness	    
Product Life	    





## Stainless Steel

Provides fast stock removal on stainless steel.  
Iron and Sulphur free specification.

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### Type S7 A24INOX

 a x c x b (mm)	Type 27	MAX	
115 x 6,0 x 22,23	270276	13.300	10
125 x 6,0 x 22,23	270278	12.200	10
178 x 6,0 x 22,23	270282	8.600	10
230 x 6,0 x 22,23	270286	6.600	10

Aggressiveness	    
Product Life	    





## 2 in 1

Extraordinary product life.  
This disc is hard and designed for the use on stainless steel  
as well as mild steels.

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### Type S7 A242IN1

 a x c x b (mm)	Type 27	MAX	
115 x 6,5 x 22,23	270476	13.300	10
125 x 6,5 x 22,23	270478	12.200	10
178 x 7,0 x 22,23	270482	8.600	10
230 x 7,0 x 22,23	270486	6.600	10

Aggressiveness	    
Product Life	    



QUICK TIP:

Other sizes and specifications available upon request.



Flap Discs were developed in the 1980's, and have continued to gain popularity while the demand for many abrasive products has declined in that same period.

One of the keys to their success is that they allow an operator to grind material and create a good finish in one step. Flap discs are very versatile, and the tools they are used on can be found in almost every factory, fabrication shop, and maintenance department.

They are easy to use, quiet, and can perform many jobs that previously used a grinding wheel to remove stock, followed by a sanding disc to create a smooth finish. This saves both time and labour.

#### While not as aggressive as an grinding wheel, Flap Discs:

- Are much easier to control
- Are much quieter to operate
- Do not chatter
- Are less likely to gouge, undercut or otherwise ruin the workpiece



Wendt was one of the first manufacturers of flap discs, and is one of the largest volume producers world wide. In addition to constantly improving our products, we have developed a number of unique flap discs to satisfy a wide range of needs. Wendt customers can select from:

### Product Lines:

For the flap discs we do have several different lines: Premium, Powerflex and PowerEx. This is all related to performance, aggressively and product life time.

**Basic-Line:** This is our standard line with standard material.

**Power-Line:** Already here we work with much more material then standard discs, which gives a long life and together with the material a perfect match between life and high stock removal.

**Premium-Line:** Here we offer a very aggressive disc with Ceramic or a long lasting one which is type GH

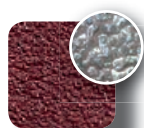
Within all lines we never would save on one topic, which is the safety of our discs. Each disc undergoes massive safety controls!

Line	Product	Aggressiveness	Product Life
<b>BASIC</b>	POWEREX		
<b>POWER</b>	POWERFLEX		
<b>PREMIUM</b>	HiTec		
	POWERFLEX Ceramic		

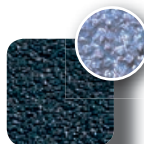
You can find the relevant chart according to each product on the following product pages.



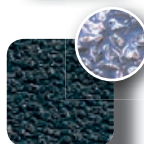
## Abrasive materials to match your application:



**Aluminium Oxide (A, N)** with standard cotton backing for mild steels.



**Zirconia (E, R)** with standard cotton backing for exceptional performance in both mild and stainless steel.



**100% Zirconia (X)** with poly-cotton backing for the very best performance. Combines long life with aggressive stock removal.



**Ceramic (K)** including top coating with polyester backing for faster stock removal, increased life, and cooler grinding on stainless steel, harder metals and alloys.

## A choice of shapes:

Depending on the customer demand and preferences Wendt offers a variation of shapes. Our customers can choose from a soft flat, small angled and an aggressive angled style.



**Type 27 (Conical 8°)** - The original style flap disc with slight taper on the flaps.



**Type 28 (Flat)** - for finishing applications.



**Type 29 (Conical 15°)** - with "built-in grinding angle" for more aggressive stock removal.



### QUICK TIP:

Customers always should use the full surface of the flaps to option maximum productivity.

## A variety of backings:



**Fiberglass** - Very strong, yet wears away as the disc is consumed.



**Aluminium** - for rigid support. Zirconia grains in particular become more aggressive and productive as you apply slight pressure.

**AluEdge** - Our patented AluEdge which combines an aluminium backing with a unique consumable edge.



**Plastic** - Provides firm support, yet more economical than aluminium.



**WENDT**<sup>TM</sup>

presents

**THE**  
**NEW GENERATION**  
**FLAP DISC**





Flap Discs are often considered as commodity items, where customers may focus on price rather than productivity. Our Flap Discs are produced with the abrasive cloth which will assure your customer the highest performance and life of the product. The following Flap Discs are made with an aggressive abrasive containing 100% Zirconia grain. Professional operators will recognize the quality and long life of these discs.

### HiTec with Fiberglass Backing

Made with even more flaps and longer flaps than our standard version to significantly increase product life. Thicker construction provides more cushioning for finishing applications.

Aggressiveness					
Product Life					

#### Type GH1 (Flat, soft)

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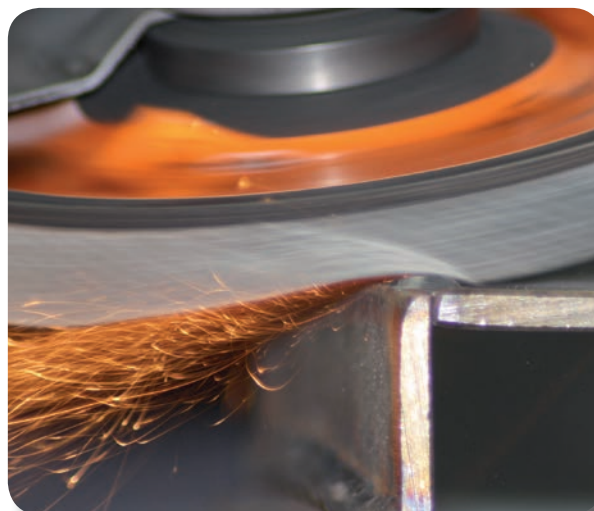
(mm)	X40	X60	X80	X120	MAX	
115 x 22,23	235112	235113	235114	235116	10.500	10
125 x 22,23	235132	235133	235134	235136	9.600	10
178 x 22,23	235142	235143	235144	235146	6.700	10



#### Type GH29 (Conical 15°)

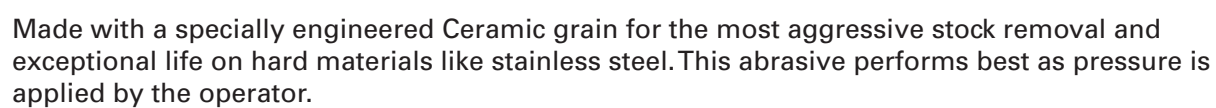
QUICK GUIDE
Cleaning
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Polishing

(mm)	X40	X60	X80	X120	MAX	
115 x 22,23	236112	236113	236114	236116	10.500	10
125 x 22,23	236132	236133	236134	236136	9.600	10
178 x 22,23	236142	236143	236144	236146	6.700	10












#### QUICK TIP:

Wendt produces all Flap Discs according to EN13743. As all other products, Flap Discs undergo massive quality controls during the production process.



### Type G 29 (Conical 15°)

Aggressiveness					
Product Life					



G29 after several minutes of heavy duty!



### QUICK TIP:

Best used with powerful angle grinders and more pressure.



## Original POWERFLEX with Zirconia

More durable than aluminium oxide. Best choice when working on a variety of materials including carbon steel, stainless steel, aluminium, fiberglass and plastics. Wendt Powerflex Flap Discs are made with a higher concentration of exceptional abrasive cloth which results in a long life time as well as high aggressivity.

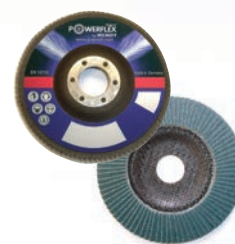
For Use On Angle Grinders

Aggressiveness					
Product Life					

### Type G 29 (Conical 15°)

QUICK GUIDE
Cleaning
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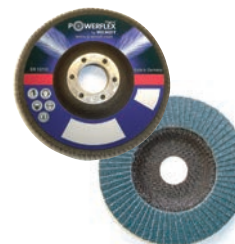
(mm)	X36	X40	X60	X80	X120	MAX	
100 x 16	229101	229102	229103	229104	229106	15.300	10
115 x 22,23	229111	229112	229113	229114	229116	13.300	10
125 x 22,23	229131	229132	229133	229134	229136	12.200	10
178 x 22,23	229141	229142	229143	229144	229146	8.600	10



### Type G 28 (Flat)

QUICK GUIDE
Cleaning
Cutting
Grinding
Deburring
Blending
Finishing
Polishing

(mm)	X36	X40	X60	X80	X120	MAX	
100 x 16	228101	228102	228103	228104	228106	15.300	10
115 x 22,23	228111	228112	228113	228114	228116	13.300	10
125 x 22,23	228131	228132	228133	228134	228136	12.200	10
178 x 22,23	228141	228142	228143	228144	228146	8.600	10



### Type G 27 (Conical 8°)

QUICK GUIDE
Cleaning
Cutting
Grinding
Deburring
Blending
Finishing
Polishing

(mm)	X36	X40	X60	X80	X120	MAX	
100 x 16	227101	227102	227103	227104	227106	15.300	10
115 x 22,23	227111	227112	227113	227114	227116	13.300	10
125 x 22,23	227131	227132	227133	227134	227136	12.200	10
178 x 22,23	227141	227142	227143	227144	227146	8.600	10



#### QUICK TIP:

We also produce custom flap discs to meet specific needs.



Made in Germany

## Original<sup>®</sup> POWERFLEX with Aluminium Oxide

For general grinding and finishing on carbon, stainless steel and aluminium.  
Available in grit sizes 24 - 320.



For Use On Angle Grinders

Aggressiveness					
Product Life					

### Type G 29 (Conical 15°)



QUICK GUIDE
Cleaning
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Deburring
Blending
Finishing
Polishing

(mm)	N24	N40	N60	N80	N120	MAX	
100 x 16	229000	229002	229003	229004	229006	15.300	10
115 x 22,23	229010	229012	229013	229014	229016	13.300	10
125 x 22,23	229030	229032	229033	229034	229036	12.200	10
178 x 22,23	229040	229042	229043	229044	229046	8.600	10



### Type G 28 (Flat)



QUICK GUIDE
Cleaning
Cutting
Grinding
Deburring
Blending
Finishing
Polishing

(mm)	N24	N40	N60	N80	N120	MAX	
100 x 16	228000	228002	228003	228004	228006	15.300	10
115 x 22,23	228010	228012	228013	228014	228016	13.300	10
125 x 22,23	228030	228032	228033	228034	228036	12.200	10
178 x 22,23	228040	228042	228043	228044	228046	8.600	10



### Type G 27 (Conical 8°)



QUICK GUIDE
Cleaning
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Polishing

(mm)	N24	N40	N60	N80	N120	MAX	
100 x 16	227000	227002	227003	227004	227006	15.300	10
115 x 22,23	227010	227012	227013	227014	227016	13.300	10
125 x 22,23	227030	227032	227033	227034	227036	12.200	10
178 x 22,23	227040	227042	227043	227044	227046	8.600	10



## POWEREx with Zirconia

PowerEx Flap Discs are made with a standard Zirconium cloth with cotton backing. They are manufactured under the same quality standards and safety requirements as our more premium grades. They are the best choice for customers looking at an economic solution.



For Use On Angle Grinders

Aggressiveness					
Product Life					

QUICK GUIDE
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Type G 19 (Conical 15°)

(mm)					MAX	
	E40	E60	E80	E120		
115 x 22,23	229712	229713	229714	229716	13.300	10
125 x 22,23	229732	229733	229734	229736	12.200	10
178 x 22,23	229742	229743	229744	229746	8.600	10



QUICK GUIDE
Cleaning
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Deburring
Blending
Finishing
Polishing

Type G 18 (Flat)

(mm)					MAX	
	E40	E60	E80	E120		
115 x 22,23	228712	228713	228714	228716	13.300	10
125 x 22,23	228732	228733	228734	228736	12.200	10
178 x 22,23	228742	228743	228744	228746	8.600	10



QUICK GUIDE
Cleaning
Cutting
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Deburring
Blending
Finishing
Polishing

Type G 17 (Conical 8°)

(mm)					MAX	
	E40	E60	E80	E120		
115 x 22,23	227712	227713	227714	227716	13.300	10
125 x 22,23	227732	227733	227734	227736	12.200	10
178 x 22,23	227742	227743	227744	227746	8.600	10



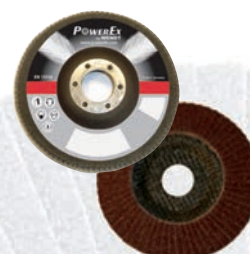
## POWEREx with Aluminium Oxide

Now also available with Aluminium Oxide, which still meets our high quality and safety requirements at a very good quality level.

QUICK GUIDE
Cleaning
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Polishing

Type G 19 (Conical 15°)

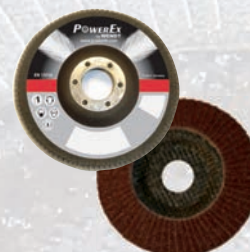
(mm)				MAX	
	A40	A60	A80		
115 x 22,23	229912	229913	229914	13.300	10
125 x 22,23	229932	229933	229934	12.200	10



QUICK GUIDE
Cleaning
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Type G 18 (Flat)

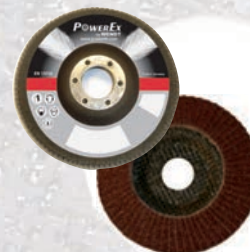
(mm)				MAX	
	A40	A60	A80		
115 x 22,23	228912	228913	228914	13.300	10
125 x 22,23	228932	228933	228934	12.200	10



QUICK GUIDE
Cleaning
Cutting
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Finishing
Polishing

Type G 17 (Conical 8°)

(mm)				MAX	
	A40	A60	A80		
115 x 22,23	227912	227913	227914	13.300	10
125 x 22,23	227932	227933	227934	12.200	10



# Flap Discs with Plastic Backing



## POWEREX with Zirconia

PowerEx Flap Discs are made with a standard Zirconium cloth with cotton backing. They are manufactured under the same quality standards and safety requirements as our more premium grades. They are the best choice for customers looking at an economic solution.

Aggressiveness					
Product Life					



Type K11 (Flat)

QUICK GUIDE							
		E40	E60	E80	E120		
Cleaning							
Cutting							
Grinding							
Deburring							
Blending							
Finishing							
Polishing							
	(mm)						
	115 x 22,23	230712	230713	230714	230716	13.300	10
	125 x 22,23	230732	230733	230734	230736	12.200	10
	178 x 22,23	230742	230743	230744	230746	8.600	10



## Original POWERFLEX with Zirconia

The plastic backing allows more operator pressure for more aggressive stock removal, with little vibration. Our plastic backing is resistant to extreme cold and will not crack.

Aggressiveness					
Product Life					

Type K 29 (Conical 15°)

QUICK GUIDE						
		X40	X60	X80		
Cleaning						
Cutting						
Grinding						
Deburring						
Blending						
Finishing						
Polishing						
	(mm)					
	115 x 22,23	231112	231113	231114	13.300	10
	125 x 22,23	231132	231133	231134	12.200	10





# Specialities with reduced backing

## Original POWERFLEX with reduced Fiberglass Backing

The Powerflex with reduced backing lets you benefit from all the advantage of a regular Powerflex combined with the ability to work within edges and corners as the resulting flexible edge adjust perfectly to the angle of the workpiece.



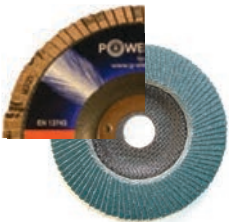
For Use On Angle Grinders

Aggressiveness						
Product Life						

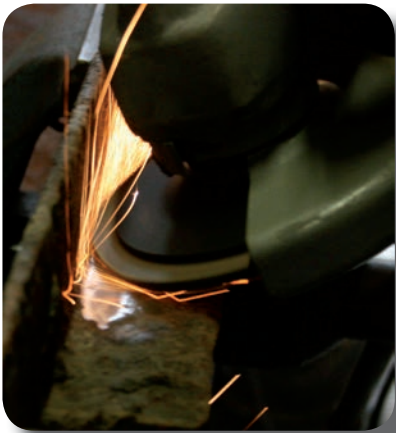
QUICK GUIDE
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Deburring
Blending
Finishing
Polishing

Type G 17 (Conical 8°)

(mm)						
	R40	R60	R80	R120		
115 x 22,23	240812	240813	240814	240816	13.300	10
125 x 22,23	240832	240833	240834	240836	12.200	10



Type G18 with reduced backing in dia. 125mm is also available upon request.



## Original POWERFLEX with Aluminium Backing and Patented *AluEdge* Grinding Edge

Our patented grinding edge offers the rigid support of an aluminium backing. The outer grinding edge supports the flaps, yet wears away allowing full use of the disc. Our best performing design for aggressive applications!



Aggressiveness						
Product Life						

QUICK GUIDE
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Type S 29 (Conical 15°)

(mm)						
	X40	X60	X80	X120		
115 x 22,23	234112	234113	234114	234116	13.300	10
125 x 22,23	234132	234133	234134	234136	12.200	10



Type S 27 (Conical 8°)

(mm)						
	X40	X60	X80	X120		
178 x 22,23	296142	296143	296144	296146	8.600	10

**Original<sup>®</sup> POWERFLEX** with Zirconia

The Aluminium Backing is ideal for heat absorption and provides firm support. It is a light material and will not scratch the metal work piece.



For Use On Angle Grinders

**Type A 29 (Conical 15°)**



QUICK GUIDE	
Cleaning	
Cutting	
Grinding	
Deburring	
Blending	
Finishing	
Polishing	

(mm)					MAX	
	X40	X60	X80	X120		
115 x 22,23	244112	244113	244114	244116	13.300	10
125 x 22,23	244132	244113	244114	244116	12.200	10
178 x 22,23	244142	244143	244144	244146	8.600	10

Aggressiveness					
Product Life					



**Type A 27 (Conical 8°)**



QUICK GUIDE	
Cleaning	
Cutting	
Grinding	
Deburring	
Blending	
Finishing	
Polishing	

(mm)					MAX	
	X40	X60	X80	X120		
100 x 16	233102	233103	233104	233106	15.300	10
165 x 22,23	233192	233193	233194	233196	9.200	10



**Original<sup>®</sup> POWERFLEX** with Aluminium Oxide

The Aluminium Backing is ideal for heat absorption and provides firm support. It is a light material and will not scratch the metal work piece.

**Type A 29 (Conical 15°)**



QUICK GUIDE	
Cleaning	
Cutting	
Grinding	
Deburring	
Blending	
Finishing	
Polishing	

(mm)					MAX	
	A40	A60	A80	A120		
115 x 22,23	244012	244013	244014	244016	13.300	10
125 x 22,23	244032	244033	244034	244036	12.200	10
178 x 22,23	244042	244043	244044	244046	8.600	10

Aggressiveness					
Product Life					



**Type A 27 (Conical 8°)**



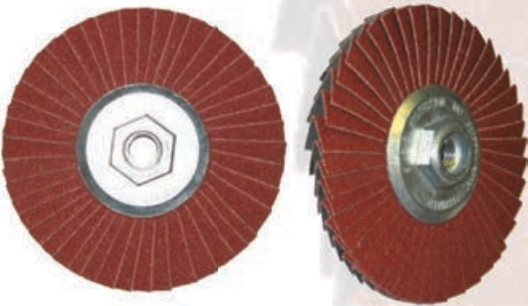
QUICK GUIDE	
Cleaning	
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Deburring	
Blending	
Finishing	
Polishing	

(mm)					MAX	
	A40	A60	A80	A120		
100 x 16	233002	233003	233004	233006	15.300	10
165 x 22,23	233092	233093	233094	233096	9.200	10



Made in Germany

# Folded Flap Disc for angle grinders




Patterned after our larger folded flap discs, this latest version has a M14 threaded arbor for quick mounting on 125mm angle grinders. Unique folded flaps allow grinding and finishing within narrow grooves or channels. Folded Flap Discs are also being used at a shallow angle if flexible finishing is required.

## Aluminium Oxide

Available in a wider grit range for improved finish.

QUICK GUIDE
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### Type FS

(mm)						MAX	
	N40	N60	N80	N120	N180		
115 x M14	245746	245747	245748			13.300	10
125 x M14	245750	245751	245752	245753	245755	12.200	10



## Zirconia

Tough zirconia grain for more aggressive stock removal and longer life. Best choice for stainless steel.

QUICK GUIDE
Cleaning
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### Type FS

(mm)				MAX	
	R40	R60	R80		
115 x M14	245785	245786	245787	13.300	10
125 x M14	245790	245791	245792	12.200	10



### QUICK TIP:

The Folded Flap Discs are also available with a 5/8-11 arbor.

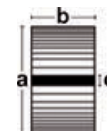




For use on Angle Grinders  
Sanders and Buffers

## Unmounted Abrasive Flap Wheels for angle grinders

This latest version has a M14 threaded arbor for quick mounting on 115mm and 125mm angle grinders. Recommended for weld dressing, removing rust, paint, coatings and heat discoloration. Works well for general purpose grinding on steel and stainless steel workpiece contours.



Type LS M14

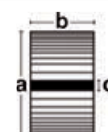
QUICK GUIDE
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a x b (mm)	c (mm)	A40	A60	A80	A120	A180		
115 x 20	M14	325302	325304	325305	325307	325309	13.300	1
125 x 20	M14	325322	325324	325325	325327	325329	12.200	1



## Unmounted Interleaved Flap Wheels for angle grinders

Alternating flaps of abrasive cloth and nonwoven finishing material. Provides some stock removal while producing a brushed finish. Also good for deburring and finishing in one step.



Type LK M14

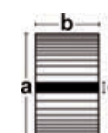
QUICK GUIDE
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a x b (mm)	c (mm)	A80/ Med	A150/ Fine	A240/ V.Fine				
115 x 20	M14	325952	325954	325956	2.800	3.700	1	
125 x 20	M14	325962	325964	325966	2.000	3.200	1	



## Unmounted Nonwoven Flap Wheels for angle grinders

Non-aggressive nylon material produces a smooth surface finish.



Type LK M14

QUICK GUIDE
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a x b (mm)	c (mm)	Medium	Fine	Very Fine				
115 x 20	M14	326851	326852	326853	2.800	3.700	1	
125 x 20	M14	326861	326862	326863	2.000	3.200	1	



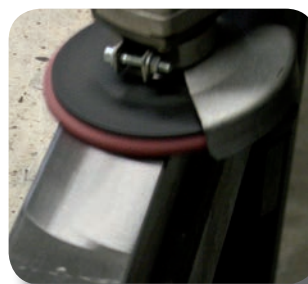
### QUICK TIP:

The Flap Wheels for angle grinders are also available with a 5/8-11 arbor.

## SURFACE CONDITIONING MATERIAL (SCM)

### Finishing Flap Discs with Fiberglass Backing

For general surface preparation and finishing with more durable surface conditioning material of highest available quality. Layered flaps provide up to 7 times more life than traditional Hook & Loop version.



#### Type SCM G27 (Conical)

QUICK GUIDE
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(mm)				OPT	MAX	
	Coarse/ Brown	Medium/ Maroon	V. Fine/ Blue			
100 x 16	245421	245422	245424	6.600	15.300	10
115 x 22,23	245431	245432	245434	5.800	13.300	10
125 x 22,23	245451	245452	245454	5.300	12.200	10
178 x 22,23	245471	245472	245474	3.700	8.600	10

Type SCM G29 with a conical shape also available on request.



### Interleaved Finishing Flap Discs with Fiberglass Backing

Alternating flaps of coated abrasive and nonwoven material for finishing applications with minimal sanding. Provides a brushed finish.

#### Type GK (Flat)

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(mm)				OPT	MAX	
	A80/ Medium	A150/ Fine	A240/ V. Fine			
115 x 22,23	245013	245016	245018	3.300	8.500	5
125 x 22,23	245033	245036	245038	3.000	7.700	5
178 x 22,23	245043	245046	245048	2.100	5.500	5



### Nonwoven Finishing Flap Discs with Fiberglass Backing

Flaps of nonwoven material for fine surface finishing.

#### Type GV (Flat)

QUICK GUIDE
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(mm)				OPT	MAX	
	A-Medium	A-Fine	A-V. Fine			
115 x 22,23	245212	245214	245215	3.300	8.500	5
125 x 22,23	245232	245234	245235	3.000	7.700	5
178 x 22,23	245242	245244	245245	2.100	5.500	5



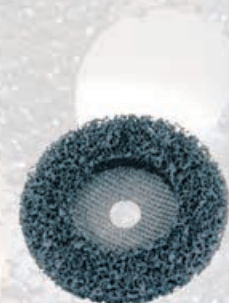
### REX FLEX Nonwoven Cleaning Discs with Fiberglass Backing

For aggressive cleaning, or removing rust, paint, epoxy or weld spatter.

#### Type RF G27 (Flat)

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 (mm)				
	S-Coarse			
100 x 16	245400	7.000	12.800	5
115 x 22,23	245401	6.000	11.000	5
125 x 22,23	245403	5.600	9.800	5
178 x 22,23	245404	3.900	6.800	5





## Hybrid Disc

Thanks to it's advanced and innovative construction of our Hybrid Disc, combining high quality Surface Conditioning Material and Coated Abrasives, will you need only one step to achieve a pleasing finish instead of usually 2 steps using conventional abrasive methods. This saves time, stress and money.

Hybrid discs can be used on a wide range of different substrates such as steel, stainless steel, Aluminium and different alloys.



For Use On Angle Grinders  
Sanders and Buffers

**NEW  
PRODUCT**

Type HG29 (Conical)

QUICK GUIDE	
Cleaning	
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Finishing	
Polishing	

(mm)	Medium/ Maroon	OPT	MAX	
115 x 22,23	245173	3.500	13.300	10
125 x 22,23	245183	3.000	12.200	10



### Hybrid discs are ideal for the following applications:

- Removing and finishing light weld seams in a single step
- Deburring flashings after plasma and laser cuttings
- Decorative finish for builders hardware
- Removing of small surface imperfections
- Blending of rough sanding lines
- Cleaning of oxidation and discoloration welding spatter
- Homogenizing surfaces and work pieces
- Light deburring
- Removing of parting lines
- Preparing of Surface prior to the final finish
- Removing paints, coatings

The Three-dimensional Hybrid disc allows a very comfortable working and reduces the risk of damaging the work-piece thanks to its cushioning affect and cool running at lower speeds.

All this makes it very user friendly disc allowing even the inexperienced user to achieve optimum results on a wide range of different applications.

Hybrid discs are often found in the boat and yacht industry, for manufacturing of food processing and kitchen equipment, in pharmaceutical industry, for weld removal of bull bars for cars and trucks, mufflers and many more.



*You are just two steps away from a mirror surface finish!*



### QUICK TIP:

Other grades and dimensions are available upon request.



## Unitized Finishing Discs with Fiberglass Backing

High concentration of abrasive grain throughout a firm, nonwoven base material. The additional grain requires less operator pressure, increasing disc life and grinding cooler. Exceptional choice for deburring and blending stainless steel, and providing a smooth finish.

Wendt Unitized Finishing Discs are providing and extreme long life combined with a comfortable handling to achieve final finishes and well prepared surface prior to Polishing.





These discs are designed to work on angle grinder. The compact 3-dimensional construction is very resistant to loading and provides many solutions to ferrous and non-ferrous finishing operations.



For Use On Angle Grinders  
Sanders and Buffers

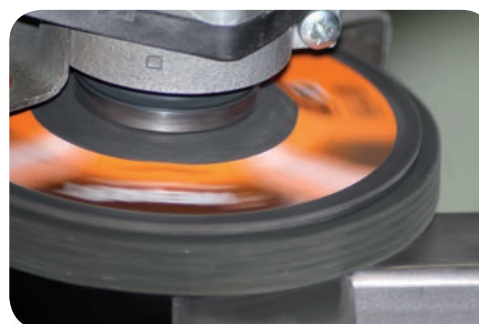


Type U G27 (Flat)

QUICK GUIDE								
		4 - Soft			6 - Hard			
		A-Coarse	S-Medium	S-Very Fine	S-Very Fine			
	(mm)							
	115 x 22,23	245814	245817	245819	245870	4.000	11.000	5
	125 x 22,23	245834	245837	245839	245873	3.600	9.800	5

### Harder densities are ideal for the following applications

- Removal of Aluminium Flashings
- To radius stamped parts
- To remove sharp edges of machined parts
- Cleaning of metal conductors
- Removing resins , excessive glue and adhesive overspray
- Removal of rust and corrosion



### Softer densities are ideal for the following applications

- A decorative finish on stainless steel for builders hardware
- Blending parting lines
- Prepare surfaces of Stainless Steel and Titanium prior to polishing
- Pre plate polish on Aluminium, Copper and Brass
- As the last step on various substrates prior to polishing
- Blending surface defects



#### QUICK TIP:

Wendt recommends for the most nonwoven abrasives applications speeds lower than the listed maximum operation speeds to ensure optimum results and maximum product life.

*You are just one step away from a mirror surface finish!*



#### QUICK TIP:

Additional sizes and specifications available upon request.

## Felt Polishing Discs With Fiberglass Backing



For Use On Sanders and Buffers



### Felt Flap Discs

Flap discs of 70% wool felt affixed to a fiberglass backing plate to create a thick polishing pad. The individual flaps are flexible, and allow a cool air flow. Felt discs are used with polishing compounds or pastes to provide up to a mirror finish. Ideal for work on irregular or contoured surfaces.





Available in several Densities and Flap Thicknesses for softer and more flexible performance.

(D=Flap thickness, H=Felt Density)



Type FG 27 (Flat)

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 (mm)	Standard Flexibility		Extra Flexible				
	Soft D5 / H25	Medium D5 / H40	Soft D3 / H25	Medium D3 / H40			
100 x 16	245601	245602	245606	245607	1.900	9.700	5
115 x 22,23	245611	245612	245616	245617	1.650	8.500	5
115 x M14	249911	249912	249916	249917	1.650	8.500	5
125 x 22,23	245631	245632	245636	245637	1.520	7.700	5
125 x M14	249921	249922	249926	249927	1.520	7.700	5
178 x 22,23	245661	245662			1.100	5.500	5
178 x M14	249941	249942			1.100	5.500	5

Note: Felt Polishing products are designed to be used with polishing compounds. For further information on compounds see page 76.

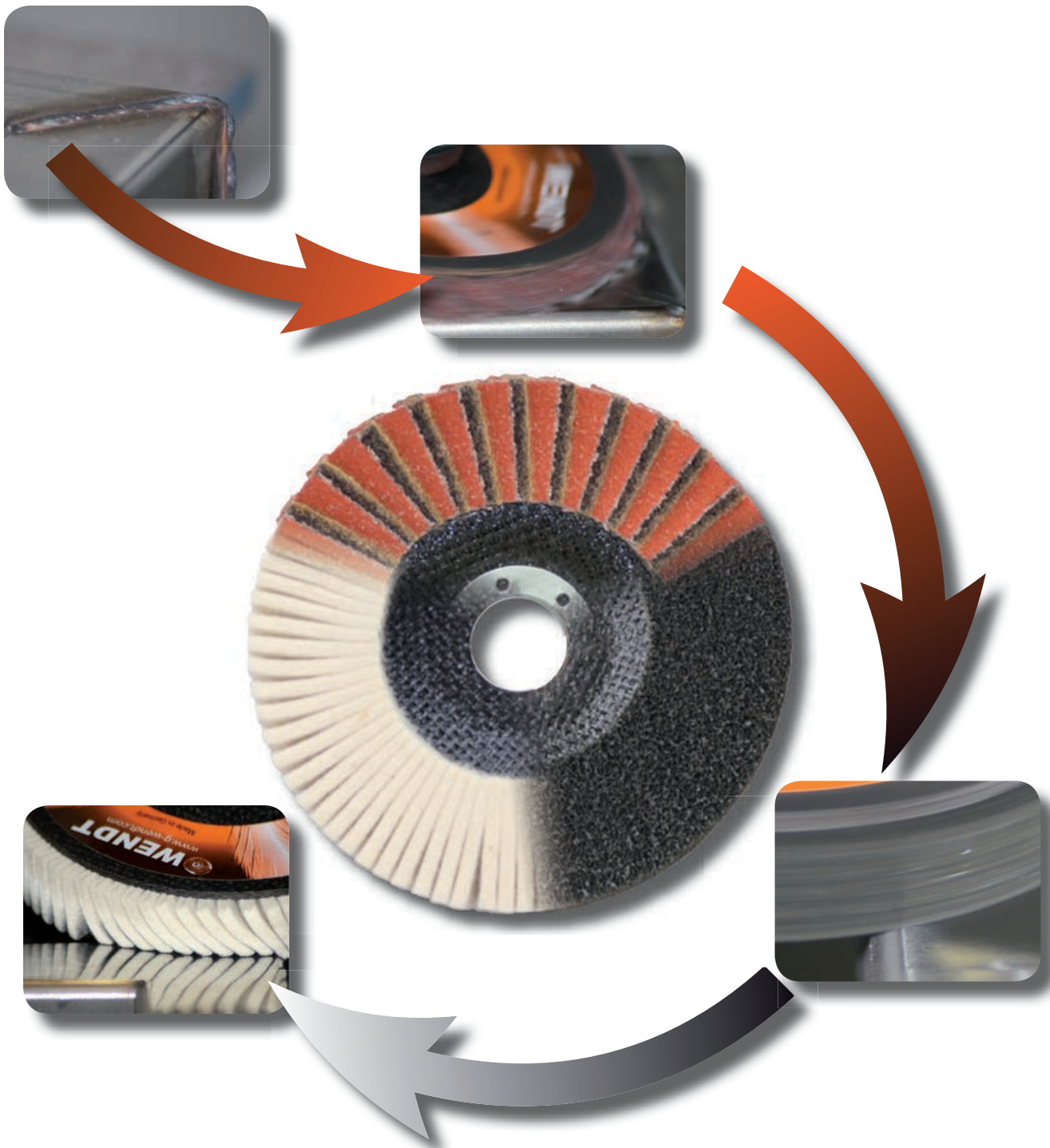
*This is your last step to your target of a mirror finish!*



#### QUICK TIP:

Felt Products should always be run at lower speeds than coated abrasives. This will extend the disc life and improve the finish.

**Three Winners build a perfect Team!**



**The fastest, quickest and easiest way in the abrasive industry to achieve a perfect mirror finish!**



*You finished at First just with 3 Steps!!!*




Zirconia with Plastic Backing

The versatility of Zirconia grain on a small diameter plastic backing. Offers aggressive stock removal and longer life than quick change sanding discs. Ideal for working in confined spaces where larger flap discs will not fit.

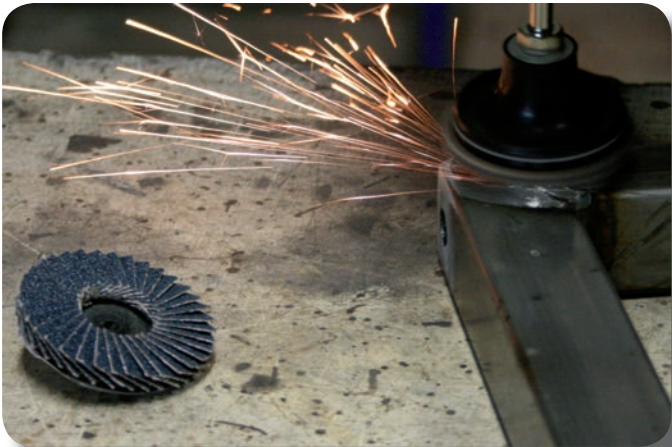
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Type K1 (Flat)

(mm)						
	X40	X60	X80	X120		
50	230172	230173	230174	230176	19.100	10
75	230182	230183	230184	230186	12.700	10



Standard Fastener



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Type K1 (Flat) R-Type Fastener

(mm)						
	X40	X60	X80	X120		
50	230188	230189	230190	230191	19.100	10
75	230195	230196	230197	230198	12.700	10



## Interleaved Finishing Mini Flap Discs with Plastic Backing

Alternating flaps of coated abrasive and nonwoven material for finishing applications with minimal sanding. Provides a brushed finish.



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Type KK (Flat)

(mm)	A80/ Medium A150/ Fine A240/ V.Fine			OPT	MAX	
50	245063	245066	245068	7.600	19.100	10
75	245073	245076	245078	5.000	12.700	10
R-Type Fastener						
50	245083	245085	245087	7.600	19.100	10
75	245093	245095	245097	5.000	12.700	10



## Nonwoven Finishing Mini Flap Discs with Plastic Backing

Flaps of nonwoven material for fine surface finishing.

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Type KV (Flat)

(mm)	A-Medium A-Fine A-V.Fine			OPT	MAX	
50	245262	245264	245265	7.600	19.100	10
75	245272	245274	245275	5.000	12.700	10
R-Type Fastener						
50	245282	245284	245285	7.600	19.100	10
75	245292	245294	245295	5.000	12.700	10



## Felt Polishing Mini Flap Discs with Plastic Backing

Use with a rouge or paste for polishing applications.  
For further information on paste see page 76.



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Type FK (Flat)

(mm)	Standard Flexibility		Extra-Flexible		OPT	MAX	
	Soft D3 / H25	Medium D3 / H40	Soft D2 / H25	Medium D2 / H40			
50	245681	245682	245686	245687	3.800	19.100	10
75	245691	245692	245696	245697	2.500	12.700	10
R-Type Fastener							
50	245680	245683	245685	245688	3.800	19.100	10
75	245690	245693	245695	245698	2.500	12.700	10



### QUICK TIP:

The Mini Flap Discs with R-Type Fastener can be used with the R-Type Quick Change Holders, please see 41 for further information.  
Reuseable 6mm shank for the Mini Flap Discs with Standard Fastener please see page 42.

## Resin Fibre Discs

Resin Fibre Discs are manufactured utilizing a multilayer, heavy duty vulcanized fibre backing. Covered with a resin bond coat formulated to resist loading, glazing and grain stripping. This bond coat is then covered with specially processed mineral abrasive grains formulated for toughness, sharpness and bond. Resin Fibre Discs are powerful, versatile, flexible, safe and economical. Choosing the right disc for the job assures improved productivity.



Grinding and abrading requirements cover a wide spectrum of applications for metal work:

- Stock removal
- Finishing and Blending
- Varying work piece substrates
- Flat surfaces
- Contour Surfaces

Some of the commonly used tools for these applications include depressed center wheels, cup wheels, wire brushes and specialty products. While each of these products perform well in a specific application none of them have the all around capability of resin fibre discs.

Wendt Resin Fibre Discs are produced with a 8-slit core which makes them easier to mount than the common 4-slit discs.

## Aluminium Oxide

Provides overall economy, with good performance in an all purpose resin fibre disc. Containing no halogen producing grinding additives and have been designed to excel in a wide variety of applications providing both cost effective stock removal and a safer working environment.

- Low cost general purpose industrial quality disc
- Clean bonding system promotes a safer, healthier working environment



Type RFD

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(mm)	N24	N36	N50	N60	N80	N100	N120	MAX	
115 x 22,23	264361	264362	264364	264365	264366	264367	264368	13.300	25
125 x 22,23	264371	264372	264374	264375	264376	264377	264378	12.200	25
180 x 22,23	264381	264382	264384	264385	264386	264387	264388	8.600	25

## Zirconium

Represents superior grinding performance in a premium Zirconium resin fibre disc. The extremely hard Zirconium abrasive alloy sharpens itself in use delivering outstanding cutting rates and maximum useful life. The advanced bond extends disc life by minimizing grain shedding, while promoting a cool grinding action which reduces glazing and loading. Zirconium Resin Fibre Discs are most cost effective when used in high production applications where cutting rates are monitored.

- Premium Zirconium grit delivers superior grinding performance
- Advance bonding formulation provides cool grinding action extending disc life



Type RFD

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(mm)	Z24	Z36	Z50	Z60	Z80	Z100	Z120	MAX	
115 x 22,23	264411	264412	264414	264415	264416	264417	264418	13.300	25
125 x 22,23	264421	264422	264424	264425	264426	264427	264428	12.200	25
180 x 22,23	264441	264442	264444	264445	264446	264447	264448	8.600	25



## Ceramic

Represents ultimate grinding performance in a premium ceramic resin fibre disc. A blend of advanced abrasive alloys and bonding agents delivers superior cutting rates and longer useful life. Ceramic Resin Fibre Discs provide optimal value when used in high stock removal applications and where a cool cutting action is required.

- Premium Ceramic grit delivers ultimate cutting rates
- Advance bonding formulation provides cool grinding action extending disc life



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Type RFD

(mm)	C24 C36 C50 C60 C80 C100 C120							MAX	
115 x 22,23	264461	264462	264464	264465	264466	264467	264468	13.300	25
125 x 22,23	264471	264472	264474	264475	264476	264477	264478	13.300	25
180 x 22,23	264481	264482	264484	264485	264486	264487	264488	8.600	25



## Resin Fibre Backing Pads

Wendt Backing Pads are made of premium materials to ensure maximum life and performance.

If you need rigid, durable pad to increase the aggressiveness when working with coarser grit discs (grit 50 and coarser) you should choose our Heavy Duty Ribbed Pads. You also benefit from the special design which allow air flow behind the fibre disc, substantially increasing the life of the disc.

Finer grit discs (60 and finer) should be used with the Smooth surface pads. Their more flexible backing provide a better finish.

Type BP

(mm)	Specification		MAX	
	Smooth Face General purpose	Heavy Duty Ribbed Pads		
115 x M14	263225	263244	13.300	1
125 x M14	263229	263246	12.200	1
180 x M14	263235	263248	8.600	1



## Quick Change Abrasive Discs

Available in either Aluminium Oxide or Zirconia grain on a durable, yet flexible backing. Popular R-Type fasteners allow quick changeovers between grits, or to nonwoven products on the page 40. Excellent for general grinding, blending and finishing.



## Aluminium Oxide

Durable Aluminium Oxide grain for general purpose grinding and finishing on both ferrous and non-ferrous materials.

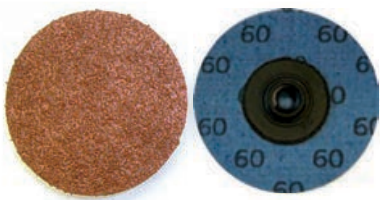


R-Type Fastener

Type QC with R-Type Fastener

⌀ (mm)	A36	A60	A80	A120	A180	A240	MAX	
38	262021	262024	262025	262027	262029	262031	25.000	100
50	262041	262044	262045	262047	262049	262051	25.000	100
75	262061	262064	262065	262067	262069	262071	20.000	50
Type QC with S-Type Fastener								
38	262121	262124	262125	262127	262129	262131	25.000	100
50	262141	262144	262145	262147	262149	262151	25.000	100
75	262161	262164	262165	262167	262169	262171	20.000	50

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S-Type Fastener

Quick Change Disc Holders available on page 41.

Quick Change Discs are also available as abrasive materials with Grinding Aids.



### QUICK TIP:

For extended life select mini flap discs on page 34. Other materials like Silicon Carbide available upon request.

## Premium Zirconia plus Grinding Aid

Premium Zirconia plus a Grinding Aid to dissipate heat and allow cooler grinding on Stainless Steel and hard alloys. Application requires moderate to heavy pressure to activate the grinding aid.

Grinding aid also inhibits loading of softer materials like aluminium and brass.



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Type QC with R-Type Fastener

(mm)	Z+36	Z+60	Z+80	Z+120	MAX	
50	262771	262774	262775	262777	25.000	100
75	262781	262784	262785	262787	20.000	50
Type QC with S-Type Fastener						
50	262821	262824	262825	262827	25.000	100
75	262831	262834	262835	262837	20.000	50

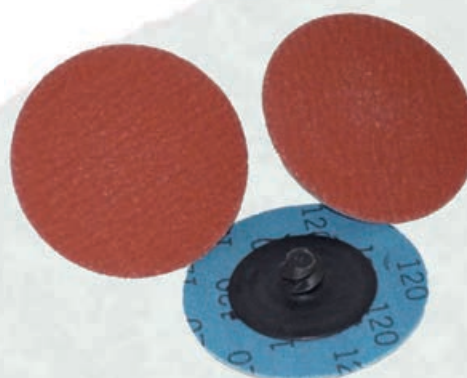
## Ceramic plus Grinding Aid

Ceramic grain plus a Grinding Aid for aggressive stock removal on harder materials like stainless and alloys. Grinding aid dissipates heat, particularly under heavy pressure, while providing maximum life.

Type QC with R-Type Fastener

(mm)	K36	K60	K80	K120	MAX	
50	262511	262514	262515	262517	25.000	100
75	262521	262524	262525	262527	20.000	50
Type QC with S-Type Fastener						
50	262561	262564	262565	262567	25.000	100
75	262571	262574	262575	262577	20.000	50

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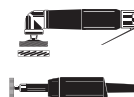
**QUICK TIP:**

Other sizes and grits available upon request.



## Quick Change Surface Conditioning Discs

Premium Surface Conditioning material is ideal for deburring, surface preparation, weld and gasket cleaning, and finishing stainless steel. Abrasive grain is evenly dispersed throughout a cushioned nylon web. Provides even surfaces finished without undercutting, as well as resists loading. Available in R- or S-Type locking fastener.



For use on Die Grinders and Disc Grinders

Type QC with R-Type Fastener

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(mm)				MAX	
	Coarse/ Tan	Medium/ Maroon	Very Fine/ Blue		
38	262906	262907	262908	30.000	100
50	262911	262912	262913	23.000	100
75	262916	262917	262918	20.000	50

Type QC with S-Type Fastener

38	262931	262932	262933	30.000	100
50	262936	262937	262938	23.000	100
75	262941	262942	262943	20.000	50



## Unitized Quick Change Finishing Discs

Unitized Quick Change discs are perfect for fast and efficient surface preparation and finishing work.

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Type QCU R-Type Fastener

(mm)		OPT	MAX	
50	263022	4.500	18.000	10
75	263027	3.100	12.000	10



### QUICK TIP:

Type-S button, additional formulations, or grit sizes available upon request. Minimum order quantity may apply.

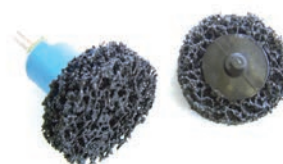
## REX Quick Change Cleaning Discs

Extra Coarse Silicon Carbide grain on a heavy nylon web. Aggressively removes rust and weld spatter. Strips paint and epoxy quickly without loading.

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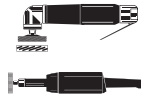
Type QCR R-Type Fastener

(mm)		OPT	MAX	
50	262914	4.500	8.000	10
75	262919	3.100	5.500	10



## Felt Quick Change Discs

Nonabrasive wool felt in solid disc form. Use in combination with Wendt polishes and compounds found on page 76 to remove light scratches and polish the surface. The soft felt material absorbs the polishing media, and provides a smooth operation. Also available with Type S fastener upon request. See also our patented felt mini flap discs on page 35.






For use on Die Grinders and Disc Grinders



Type QC FELT with R-Type Fastener

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 (mm)	Specifications		
	Medium		
38	263015	2.600 - 5.000	100
50	263016	2.000 - 4.000	100
75	263017	1.200 - 2.500	50





## Quick Change Holders

All Wendt quick change holders are industrial grade for long life in flexible finishing applications. Combo versions have a removable shank, and can thread directly onto grinders with M14 spindle.

Type QCH



 a x b (mm)	Disc Fastener Type		
	R-Type	S-Type	
25 x 6mm shank	263150	263151	1
38 x 6mm shank	263160	263161	1
50 x 6mm shank	263170	263171	1
75 x 6mm shank	263180	263181	1
75 x M 14	263185	263187	1



## Surface Conditioning Discs

Surface Conditioning Discs are ideal for deburring, surface preparation, and finishing applications. Abrasive grain is distributed throughout an open nylon web which resists loading and will not undercut the work surface. Scrim backing affix quickly and securely to Hook & Loop Gripper Pads.



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(mm)				OPT	MAX	
	Coarse/ Brown	Medium/ Maroon	V. Fine/ Blue			
100	262986	262987	262988	3.800	11.500	10
115	262991	262992	262993	3.300	10.000	10
125	262996	262997	262998	3.000	9.000	10
150	263001	263002	263003	2.600	7.500	10
175	263006	263007	263008	2.200	6.500	10



### QUICK TIP:

Surface Conditioning Material is also available in a layered Flap Disc version for extended life. See page 29 for more information.

## Hook & Loop Gripper Pads

Gripper pads have a threaded insert with flat collars for easy removal from the tool. Pad surface is flat, with "T" hooks to hold the the surface conditioning discs securely in place.

(mm)	Hook and Loop	
100 x M10-1.25	263201	1
100 x M10-1.5	263202	1
115 x M14	263204	1
125 x M14	263206	1
175 x M14	263210	1



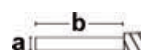
### QUICK TIP:

Surface Conditioning should always be run at lower speeds than coated abrasives. This will extend the disc life and improve the finish.

## Reusable 6mm Shank for Mini Flap Discs

The reusable threaded shaft on 6mm shank fits both 50mm and 75mm Wendt Mini Flap Discs with Standard Fastener (see pages 34 - 35).

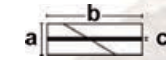
 a x b (mm)		
6 x 40	230998	1





## Straight Cartridge Rolls

Cartridge Rolls are an effective tool for grinding, deburring, cleaning and blending in confined spaces. Their narrow diameter allows you to work inside channels, corners, holes and tubes. Wendt cartridge rolls are made with premium aluminium oxide material for good life on carbon steel, stainless steel and castings. Other sizes, grits, available on request.



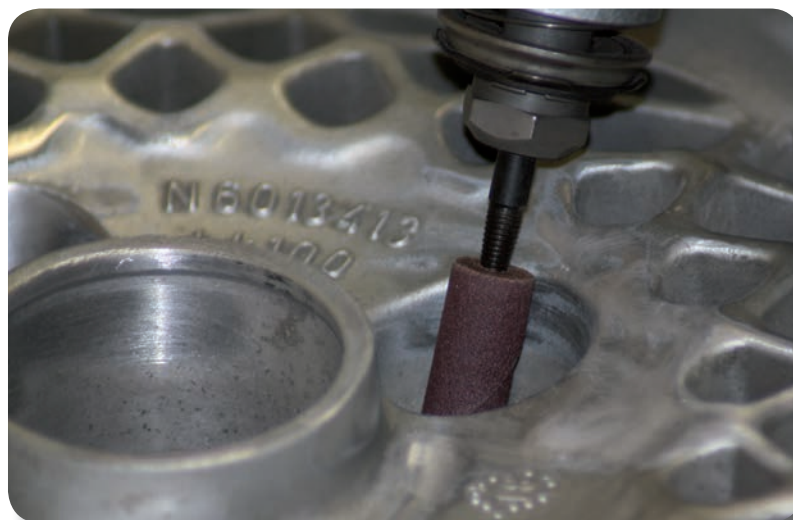
For use on Die Grinders and Straight Grinders

Type SR

a x b (mm)	c (mm)	Grit			MAX	Grit	Fitting Mandrel		
		A60	A80	A120			3mm	6mm	Grit
3,2 x 19	2		158024	158026	26.000	100	161800		1
4,8 x 19	2,4		158084	158086	26.000	100	161801		1
4,8 x 25	2,4		158104	158106	26.000	100	161802	161805	1
6 x 19	3,2	158143	158144	158146	26.000	100	161810		1
6 x 25	3,2	158163	158164	158166	26.000	100	161811	161821	1
6 x 38	3,2	158183	158184	158186	26.000	100	161813	161827	1
8 x 38	3,2	158283	158284	158286	26.000	100	161813	161827	1
10 x 25	3,2	158363	158364	158366	26.000	100	161811	161821	1
10 x 38	3,2	158383	158384	158386	26.000	100	161813	161827	1
10 x 50	3,2	158403	158404	158406	26.000	100	161815	161833	1
13 x 25	3,2	158463	158464	158466	26.000	100	161811	161821	1
13 x 38	3,2	158503	158504	158506	26.000	100	161813	161827	1
13 x 50	3,2	158543	158544	158546	26.000	100	161815	161833	1
19 x 25	4,8	159083	159084	159086	18.000	100	161845	161848	1
19 x 38	4,8	159143	159144	159146	18.000	100		161852	1
25 x 25	6,4	159343	159344	159346	15.000	100		161863	1
25 x 38	6,4	159403	159404	159406	15.000	100		161866	1
25 x 50	6,4	159443	159444	159445	15.000	100		161872	1

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Other sizes and specifications upon request.



### QUICK TIP:

The Wendt Cartridge Rolls are also available as a kit with the most common sizes. See page 75 for further details.

## Full Taper Cartridge Rolls

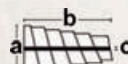
Tapered shape allows better access in corners and channels.  
Half-Taper version also available.






For use on Die Grinders and Straight Grinders



Type SRK



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							Fitting Mandrel		
a x b (mm)	c (mm)	A60	A80	A120			3mm	6mm	
10 x 25	3,2	160003	160004	160006	26.000	100	161811	161821	1
10 x 38	3,2	160023	160024	160026	26.000	100	161813	161827	1
13 x 25	3,2	160063	160064	160066	26.000	100	161811	161821	1
13 x 38	3,2	160083	160084	160086	26.000	100	161813	161827	1
19 x 25	3,2	160323	160324	160326	18.000	100	161811	161821	1
19 x 38	3,2	160383	060384	160386	18.000	100	161813	161827	1
25 x 38	4,8	160643	160644	160646	15.000	100		161852	1

Other sizes and specifications upon request.

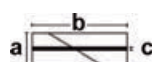
## Trizact™ Straight Cartridge Rolls

Finest grades of common Aluminium Oxide Cartridge Rolls end at grit 320.  
If even finer grits are needed, our new TRIZACT™ Straight Cartridge Rolls are first choice.  
The available grit A30 can be compared to an Aluminium Oxide grit of 600.






Now it's possible to do fine surface finishing in hard to reach areas.



Type SR



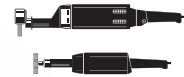
QUICK GUIDE
Cleaning
Cutting
Grinding
Deburring
Blending
Finishing
Polishing

					Fitting Mandrel		
a x b (mm)	c (mm)	A30			3mm	6mm	
8 x 25	3,2	159708	26.000	100	161811	161821	1
13 x 25	3,2	159728	26.000	100	161811	161821	1

Recommended pilot lengths  
for proper support:

Cartridge Roll Length	Mandrel Pilot Length
19	13
25	19
38	25
50	38

The Pilot Length should always be 6 - 12mm shorter than the Cartridge Roll whereas the Pilot diameter should match the size of the Cartridge Roll Hole.  
Take care that you always insert the mandrel first into the glued end of the Cartridge Roll.



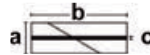
For use on Die Grinders and Straight Grinders



## Felt Straight Cartridge Rolls

Our new invention is an advancement of the common mounted felt polishing points. The coiled construction of the felt cartridge rolls gives you the advantage of using always clean felt only by pulling off the top felt layer. You have a tool that gives you the full polishing power over the whole lifetime.

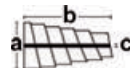
Type FR



QUICK GUIDE			Specifications	MAX		Fitting Mandrel		
	a x b (mm)	c (mm)	Medium			3mm	6mm	
Cleaning	8 x 25	3,2	159651	10.000	100	161811	161821	1
Cutting								
Grinding	13 x 25	3,2	159661	8.000	100	161811	161821	1
Deburring								
Blending	13 x 38	3,2	159671	8.000	100	161813	161827	1
Finishing								
Polishing								



## Felt Full Taper Cartridge Rolls



Type FRK

QUICK GUIDE			Specifications	MAX		Fitting Mandrel		
	a x b (mm)	c (mm)	Medium			3mm	6mm	
Cleaning	13 x 25	3,2	160801	8.000	100	161811	161821	1
Cutting								
Grinding								
Deburring								
Blending								
Finishing								
Polishing								







**Flap Wheels** are commonly used for blending and finishing applications. These shank mounted products are ideal for working in hard to reach areas, where a larger disc or wheel will not fit.

Since they are primarily a finishing tool, we manufacture our abrasive flap wheels with a very flexible, yet durable x-weight cotton backing. The added flexibility improve their finishing performance.



Wendt flap wheels are made with a standard flush core which allows easy access inside corners.



## QUICK TIP:

If your application requires more aggressive stock removal, see our Flap Bands on page 57. Their tightly layered flaps remove material faster, and get the job done quickly. Save time. Save money.



Like most Wendt products, flap wheels are available in a variety of versions which allow customers to progress from Grinding and Blending (Abrasive), to Finishing (Interleaved, Nonwoven, and Ultra Finishing) and ultimately Polishing (Felt products).



## In need of a custom product? No Problem!

Besides offering perhaps the broadest variety of flap wheels, Wendt is renowned for its production of high quality custom flap wheels. Not only can we manufacture custom sizes, but we can also produce in...

special materials . . .



narrow face . . .



wide face . . .



recessed end . . .



special shanks . . .



and more!!!



## QUICK TIP:

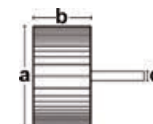
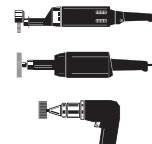
Minimum quantities may apply if special materials are needed. Otherwise, we can produce as few as 100 pieces. Contact us for more information, or for recommended solutions.

## Abrasive Flap Wheels

Wendt Flap Wheels are manufactured with Premium Aluminium Oxide grain on an X-weight cotton backing. This gives our wheels superior durability and greater flexibility.



For Die Grinders  
Straight Grinders  
and Drills



Type WF

QUICK GUIDE	
Cleaning	
Cutting	
Grinding	
Deburring	
Blending	
Finishing	
Polishing	

a x b (mm)	c (mm)								OPT	MAX	
		A40	A60	A80	A120	A180	A240	A320			
30 x 3	3		103524	103525	103527	103528	103530	103531	16.000	26.000	10
30 x 5	3		103544	103545	103547	103548	103550	103551	16.000	26.000	10
30 x 10	3	103562	103564	103565	103567	103568	103570	103571	16.000	26.000	10
30 x 15	3	103582	103584	103585	103587	103588	103590	103591	16.000	26.000	10
30 x 20	3	103602	103604	103605	103607	103608	103610	103611	16.000	26.000	10
30 x 30	3	103642	103644	103645	103647	103648	103650	103651	16.000	26.000	10
30 x 3	6		100464	100465	100467	100469	100470	100471	16.000	26.000	10
30 x 5	6		100484	100485	100487	100489	100490	100491	16.000	26.000	10
30 x 10	6	100502	100504	100505	100507	100509	100510	100511	16.000	26.000	10
30 x 15	6	100522	100524	100525	100527	100529	100530	100531	16.000	26.000	10
30 x 20	6	100542	100544	100545	100547	100549	100550	100551	16.000	26.000	10
30 x 30	6	100582	100584	100585	100587	100589	100590	100591	16.000	26.000	10
30 x 50	6	100622	100624	100625	100627	100629	100630	100631	16.000	26.000	10
40 x 5	6		100744	100745	100747	100749	100750	100751	13.000	20.000	10
40 x 10	6	100762	100764	100765	100767	100769	100770	100771	13.000	20.000	10
40 x 15	6	100782	100784	100785	100787	100789	100790	100791	13.000	20.000	10
40 x 20	6	100802	100804	100805	100807	100809	100810	100811	13.000	20.000	10
40 x 30	6	100842	100844	100845	100847	100849	100850	100851	13.000	20.000	10
50 x 5	6		100984	100985	100987	100989	100990	100991	11.000	16.000	10
50 x 10	6	101002	101004	101005	101007	101009	101010	101011	11.000	16.000	10
50 x 15	6	101042	101044	101045	101047	101049	101050	101051	11.000	16.000	10
50 x 20	6	101062	101064	101065	101067	101069	101070	101071	11.000	16.000	10
50 x 30	6	101102	101104	101105	101107	101109	101110	101111	11.000	16.000	10
50 x 40	6	101122	101124	101125	101127	101129	101130	101131	11.000	16.000	10
60 x 5	6		101244	101245	101247	101249	101250	101251	9.000	13.500	10
60 x 10	6	101262	101264	101265	101267	101269	101270	101271	9.000	13.500	10
60 x 15	6	101282	101284	101285	101287	101289	101290	101291	9.000	13.500	10
60 x 20	6	101302	101304	101305	101307	101309	101310	101311	9.000	13.500	10
60 x 30	6	101342	101344	101345	101347	101349	101350	101351	9.000	13.500	10
60 x 40	6	101362	101364	101365	101367	101369	101370	101371	9.000	13.500	10
60 x 50	6	101382	101384	101385	101387	101389	101390	101391	9.000	13.500	10
80 x 5	6		101564	101565	101567	101569	101570	101571	6.000	10.000	10
80 x 10	6	101582	101584	101585	101587	101589	101590	101591	6.000	10.000	10
80 x 15	6	101602	101604	101605	101607	101609	101610	101611	6.000	10.000	10
80 x 20	6	101622	101624	101625	101627	101629	101630	101631	6.000	10.000	10
80 x 30	6	101662	101664	101665	101667	101669	101670	101671	6.000	10.000	10
80 x 40	6	101682	101684	101685	101687	101689	101690	101691	6.000	10.000	10
80 x 50	6	101702	101704	101705	101707	101709	101710	101711	6.000	10.000	10
100 x 10	6	101802	101804	101805	101807	101809	101810	101811	5.500	7.000	10
100 x 20	6	101842	101844	101845	101847	101849	101850	101851	5.500	7.000	10
100 x 30	6	101882	101884	101885	101887	101889	101890	101891	5.500	7.000	10
100 x 40	6	101902	101904	101905	101907	101909	101910	101911	5.500	7.000	10
100 x 50	6	101922	101924	101925	101927	101929	101930	101931	5.500	7.000	10

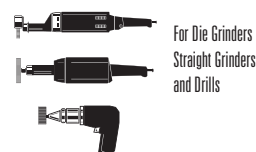


### QUICK TIP:

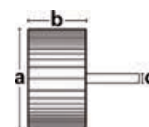
For most sizes we offer female or male thread.  
Long shank versions and other grit sizes available on request.  
Diameters 80mm and 100mm also available with 8mm shank diameter.

## Mini Abrasive Flap Wheels

Wendt produces some of the smallest, highest quality mini flap wheels in the world. Ideal for detailed finishing, hard to reach applications, and tooling and die maintenance.



For Die Grinders  
Straight Grinders  
and Drills



Type WM

QUICK GUIDE
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Finishing
Polishing

a x b (mm)	c (mm)								OPT	MAX	
		A40	A60	A80	A120	A180	A240	A320			
10 x 10	3	103002	103004	103005	103007	103009	103010	103011	26.000	35.000	10
10 x 15	3	103022	103024	103025	103027	103029	103030	103031	26.000	35.000	10
10 x 20	3	103042	103044	103045	103047	103049	103050	103051	26.000	35.000	10
15 x 5	3		103064	103065	103067	103069	103070	103071	24.000	35.000	10
15 x 10	3	103082	103084	103085	103087	103089	103090	103091	24.000	35.000	10
15 x 15	3	103102	103104	103105	103107	103109	103110	103111	24.000	35.000	10
15 x 20	3	103122	103124	103125	103127	103129	103130	103131	24.000	35.000	10
15 x 5	6		100004	100005	100007	100009	100010	100011	24.000	35.000	10
15 x 10	6	100022	100024	100025	100027	100029	100030	100031	24.000	35.000	10
15 x 15	6	100042	100044	100045	100047	100049	100050	100051	24.000	35.000	10
15 x 20	6	100062	100064	100065	100067	100069	100070	100071	24.000	35.000	10
20 x 5	3		103204	103205	103207	103209	103210	103211	20.000	30.000	10
20 x 10	3	103222	103224	103225	103227	103229	103230	103231	20.000	30.000	10
20 x 15	3	103242	103244	103245	103247	103249	103250	103251	20.000	30.000	10
20 x 20	3	103262	103264	103265	103267	103269	103270	103271	20.000	30.000	10
20 x 25	3	103282	103284	103285	103287	103289	103290	103291	20.000	30.000	10
20 x 30	3	103302	103304	103305	103307	103309	103310	103311	20.000	30.000	10
20 x 5	6		100144	100145	100147	100149	100150	100151	20.000	30.000	10
20 x 10	6	100162	100164	100165	100167	100169	100170	100171	20.000	30.000	10
20 x 15	6	100182	100184	100185	100187	100189	100190	100191	20.000	30.000	10
20 x 20	6	100202	100204	100205	100207	100209	100210	100211	20.000	30.000	10
20 x 25	6	100222	100224	100225	100227	100229	100230	100231	20.000	30.000	10
20 x 30	6	100242	100244	100245	100247	100249	100250	100251	20.000	30.000	10
25 x 3	3		103344	103345	103347	103349	103350	103351	18.000	26.000	10
25 x 5	3		103364	103365	103367	103369	103370	103371	18.000	26.000	10
25 x 10	3	103382	103384	103385	103387	103389	103390	103391	18.000	26.000	10
25 x 15	3	103402	103404	103405	103407	103409	103410	103411	18.000	26.000	10
25 x 20	3	103422	103424	103425	103427	103429	103430	103431	18.000	26.000	10
25 x 25	3	103442	103444	103445	103447	103449	103450	103451	18.000	26.000	10
25 x 30	3	103462	103464	103465	103467	103469	103470	103471	18.000	26.000	10
25 x 3	6		100284	100285	100287	100289	100290	100291	18.000	26.000	10
25 x 5	6		100304	100305	100307	100309	100310	100311	18.000	26.000	10
25 x 10	6	100322	100324	100325	100327	100329	100330	100331	18.000	26.000	10
25 x 15	6	100342	100344	100345	100347	100349	100350	100351	18.000	26.000	10
25 x 20	6	100362	100364	100365	100367	100369	100370	100371	18.000	26.000	10
25 x 25	6	100382	100384	100385	100387	100389	100390	100391	18.000	26.000	10
25 x 30	6	100402	100404	100405	100407	100409	100410	100411	18.000	26.000	10



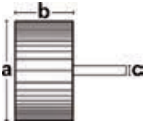
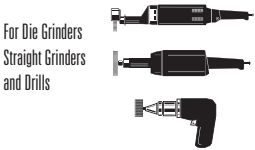
### QUICK TIP:

Custom Products have been a main stay of Wendt's Flap wheel business for three decades. We can manufacture a variety of special sizes and materials in abrasive, nonwoven and felt flaps.  
Call us for more information or recommendations.



### Abrasive Flap Wheel Brushes

Abrasive flaps have multiple slits to increase flexibility.  
Less aggressive than normal wheels, but conform well to irregular shapes, profiles and small openings. Excellent choice for finishing  
woodwork contours.



Type WB

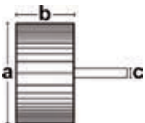
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a x b (mm)	c (mm)	A80	A120	A180	A240			
40 x 30	6	108945	108947	108949	108950	13.000	17.000	10
50 x 30	6	109005	109007	109009	109010	11.000	14.000	10
50 x 40	6	109025	109027	109029	109030	11.000	14.000	10
60 x 30	6	109125	109127	109129	109130	9.000	11.000	10
60 x 40	6	109145	109147	109149	109150	9.000	11.000	10



### Abrasive Flap Wheels Cups

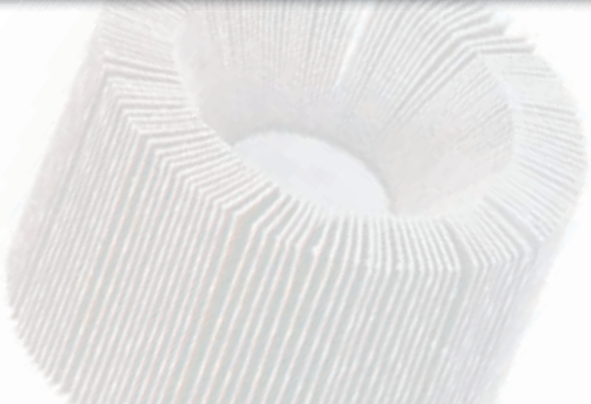
Recessed core allows you to use the top of the wheel.  
Good choice for grinding interior corners of tanks,  
cabinets and cylinders.



Type WT

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a x b (mm)	c (mm)	A60	A80	A120	A180			
40 x 30	6	108604	108605	108607	108609	13.000	17.000	10
50 x 30	6	108644	108645	108647	108649	11.000	16.000	10
50 x 40	6	108664	108665	108667	108669	11.000	16.000	10
60 x 30	6	108704	108705	108707	108709	9.000	10.200	10
60 x 40	6	108724	108725	108727	108729	9.000	10.200	10

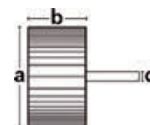
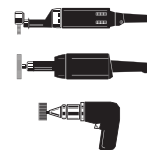




## Interleaved Finishing Flap Wheels

Alternating flaps of abrasive cloth and nonwoven finishing material. Provides some stock removal while leaving a brushed finish. Also good for deburring and finishing in one step. Other grades and combinations available upon request.

For Die Grinders  
Straight Grinders  
and Drills



Type WVK

a x b (mm)	c (mm)					OPT	MAX	
		A60/ Coarse	A80/ Med	A150/ Fine	A240/ V.Fine			
20 x 20	3	192500	192501	192504	192506	9.000	11.000	10
20 x 20	6	190000	190001	190004	190006	9.000	11.000	10
25 x 50	6	190200	190201	190204	190206	8.400	10.700	10
30 x 20	3	192820	192821	192824	192826	8.200	10.500	10
30 x 20	6	190320	190321	190324	190326	8.200	10.500	10
30 x 50	6	190440	190441	190444	190446	8.200	10.500	10
40 x 20	6	190560	190561	190564	190566	7.500	9.000	10
40 x 30	6	190640	190641	190644	190646	7.500	9.000	10
50 x 20	6	190800	190801	190804	190806	6.000	8.000	10
50 x 30	6	190880	190881	190884	190886	6.000	8.000	10
50 x 40	6	190920	190921	190924	190926	6.000	8.000	10
60 x 30	6	191080	191081	191084	191086	5.000	7.000	10
60 x 40	6	191120	191121	191124	191126	5.000	7.000	10
60 x 50	6	191160	191161	191164	191166	5.000	7.000	10
80 x 40	6	191520	191521	191524	191526	4.000	6.000	10
80 x 50	6	191560	191561	191564	191566	4.000	6.000	10
100 x 50	6	191840	191841	191844	191846	3.000	4.000	10

### QUICK GUIDE

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## Nonwoven Finishing Flap Wheels

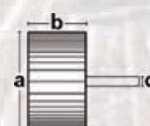
Non-aggressive nylon material provides a smooth surface finish.

Type WV

a x b (mm)	c (mm)					OPT	MAX	
		A-Coarse	A-Med	A-Fine	A-V.Fine			
20 x 20	3	107020	107021	107022	107023	9.000	11.000	10
20 x 20	6	106020	106021	106022	106023	9.000	11.000	10
25 x 50	6	106070	106071	106072	106073	8.400	10.700	10
30 x 20	3	107100	107101	107102	107103	8.200	10.500	10
30 x 20	6	106100	106101	106102	106103	8.200	10.500	10
30 x 50	6	106120	106121	106122	106123	8.200	10.500	10
40 x 20	6	106140	106141	106142	106143	7.500	9.000	10
40 x 30	6	106160	106161	106162	106163	7.500	9.000	10
50 x 20	6	106210	106211	106212	106213	6.000	8.000	10
50 x 30	6	106230	106231	106232	106233	6.000	8.000	10
50 x 40	6	106240	106241	106242	106243	6.000	8.000	10
60 x 30	6	106270	106271	106272	106273	5.000	7.000	10
60 x 40	6	106280	106281	106282	106283	5.000	7.000	10
60 x 50	6	106290	106291	106292	106293	5.000	7.000	10
80 x 40	6	106360	106361	106362	106363	4.000	6.000	10
80 x 50	6	106380	106381	106382	106383	4.000	6.000	10
100 x 50	6	106460	106461	106462	106463	3.000	4.000	10

### QUICK GUIDE

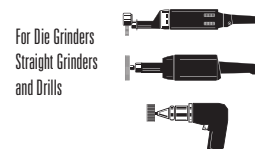
Cleaning
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### QUICK TIP:

Interleaved and Nonwoven Finishing Flap Wheels with Silicon Carbide and in grit Super Fine and Ultra Fine are available upon request.





## Unitized Finishing Wheels

Unitized Wheels are primarily designed for finishing and light deburring applications, our shank mounted Unitized Wheels in 50 and 75 mm enables the Enduser to perform these jobs easily without using any mandrels.

The 4 S-Very Fine grade is designed for finishing and pre-polishing jobs whereas the 4 S-Medium grade is ideal for light deburring and cleaning jobs.

Both specifications can be used on a wide range of different substrates.

**QUICK GUIDE**

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**Type WU**

a x b (mm)	c (mm)	4S-Medium	4S-Very Fine	OPT	MAX	
40 x 12	6	106805	106807	7.500	9.000	10
50 x 12	6	106825	106827	6.000	8.000	10
75 x 12	6	106845	106847	4.000	6.000	10

NEW  
PRODUCT



### QUICK TIP:

For more detailed information about Unitized Products see under page 64.

## REX Nonwoven Cleaning Wheels

Very coarse silicon carbide grain in a nylon web resists loading. Excellent for cleaning and surface preparation, as well as removing rust, paint, epoxy or weld spatter.

**QUICK GUIDE**

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**Type RS**

a x b (mm)	c (mm)	S-Coarse	OPT	MAX	
55 x 15	6	187510	6.000	12.100	10
55 x 30	6	187512	6.000	12.100	10
75 x 15	6	187520	4.000	8.600	10
75 x 30	6	187522	4.000	8.600	10

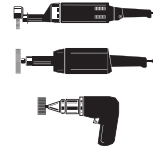


### QUICK TIP:

Nearly any product on 6mm shank can be special ordered with male or female threads.

# Mounted Felt Polishing Flap Wheels

For Die Grinders  
Straight Grinders  
and Drills

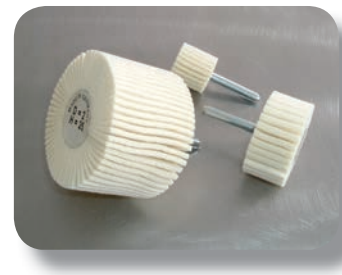


Designed and manufactured exclusively by Wendt, Felt Flap Wheels replace cotton bobs, buffs, and solid points in polishing applications. Use with existing polishing compounds, pastes or rouges to produce up to a mirror finish on a variety of materials including: Stainless Steel, Carbon Steel, Aluminium, Glass, Plastics, Marble and Stone.

Degree of Finish is determined by the polishing compound.

## Compared to existing polishing products, Felt Flap Wheels:

- \* Felt Flaps run cooler without burning.
- \* Felt Flaps polish faster and smoother than traditional felt products.
- \* Felt Flaps are flexible, eliminating the need for a variety of wheel shapes.



Wendt Felt Polishing Flap Wheels as well as all other Wendt Felt Products are available in several Densities and Flap Thicknesses for softer, more flexible performance. (D=Flap thickness, H=Felt Density)

Flap Thickness	Wool Density
D2	H25
D3	H40
D5	

Thicker      Made from 70% Natural Wool      Denser

## WENDT patented design polishes to a mirror finish!



## Optimum RPM for best results:

(mm)	OPT
20	9.500
25	7.600
30	6.300
40	4.750
50	3.800
60	3.150
80	2.400

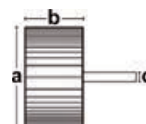
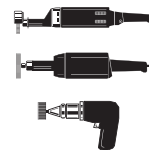


### QUICK TIP:

Felt Flap wheels must be used with polishing pastes or compounds .  
The rouge or paste will determine the degree of finish.  
Also available as a kit of 4 popular felt flap wheels together with our new Felt Cartridge Rolls and a polishing stick. For further information on compounds see page 76.



For Die Grinders  
Straight Grinders  
and Drills



## Mounted Felt Polishing Flap Wheels

Soft wool felt flaps produce up to a mirror finish. Includes smaller sizes on 3mm shank for hard to reach areas.

### Type FF

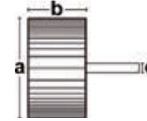
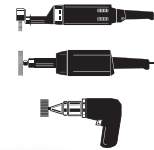
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a x b (mm)	c (mm)	Flexible		Extra-Flexible		OPT	MAX	10
		Soft D2 / H25	Medium D2 / H40	Soft	Medium			
20 x 10	3	188111	188112			9.500	11.000	10
20 x 20	3	188121	188122			9.500	11.000	10
20 x 10	6	187611	187612			9.500	11.000	10
20 x 20	6	187621	187622			9.500	11.000	10
25 x 10	3	188141	188142			7.600	10.700	10
25 x 20	3	188151	188152			7.600	10.700	10
25 x 30	3	188161	188162			7.600	10.700	10
25 x 10	6	187641	187642			7.600	10.700	10
25 x 20	6	187651	187652			7.600	10.700	10
25 x 30	6	187661	187662			7.600	10.700	10
30 x 10	3	188181	188182			6.300	10.500	10
30 x 20	3	188191	188192			6.300	10.500	10
30 x 10	6	187681	187682			6.300	10.500	10
30 x 20	6	187691	187692			6.300	10.500	10
		Flexible		Extra-Flexible				
		Soft D3 / H25	Medium D3 / H40	Soft D2 / H25	Medium D2 / H40			
40 x 20	6	187731	187732	187736	187737	4.750	9.000	10
40 x 30	6	187741	187742	187746	187747	4.750	9.000	10
50 x 20	6	187791	187792	187796	187797	3.800	8.000	10
50 x 30	6	187801	187802	187806	187807	3.800	8.000	10
50 x 40	6	187811	187812	187816	187817	3.800	8.000	10
60 x 30	6	187851	187852	187856	187857	3.150	7.000	10
60 x 40	6	187861	187862	187866	187877	3.150	7.000	10
		D5/H25	D5/H40	D3/H25	D3/H40			
80 x 50	6	187951	187952	187956	187957	2.400	6.000	10





For Die Grinders  
Straight Grinders  
and Drills



## Mounted Felt Polishing Flap Wheel Brushes

Felt flaps are slit lengthwise for even greater flexibility on irregular shapes and contours.

Type FFB

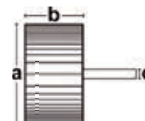
		Flexibility				OPT	MAX	
		Soft D2 / H25	Medium D2 / H40	Soft D3 / H25	Medium D3 / H40			
a x b (mm)	c (mm)							
40 x 20	6	188596	188597			4.750	9.000	10
40 x 30	6	188606	188607			4.750	9.000	10
50 x 20	6	188636	188637			3.800	8.000	10
50 x 30	6	188646	188647			3.800	8.000	10
60 x 30	6	188696	188697			3.150	7.000	10
60 x 40	6	188706	188707			3.150	7.000	10
80 x 50	6			188771	188772	2.400	6.000	10

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## Mounted Felt Polishing Points

Soft wool felt flaps produce up to a mirror finish. Includes smaller sizes on 3mm shank for hard to reach areas.

The mounted felt polishing points can be used when our felt flap wheels (20mm and larger) can not fit.



Type FPZY

		Specifications		OPT	
		Medium			
a x b (mm)	c (mm)				
6 x 10	3	189703	16.000 - 32.000	10	
8 x 10	3	189723	12.000 - 24.000	10	
10 x 14	6	189743	10.000 - 20.000	10	
15 x 20	6	189763	6.000 - 12.000	10	
20 x 25	6	189783	5.000 - 10.000	10	

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QUICK TIP:

Other sizes available upon request.



Actual results of stock removed from solid bar stock in a matter of seconds with Z60 and Z80 Flap Bands!!!

Note what little wear appears on the flaps.



Patented by Wendt, **FLAP BANDS** were first developed as a longer lasting, more productive alternative to flap wheels and spiral bands. They have become one of our most unique and successful innovations to date.

Aggressiveness and durability you would not expect from a coated abrasive product!!

## Flap Band Features

- Layered Flaps are tightly packed.
- Individual flaps wear back evenly, constantly exposing new sharp grains.
- Flaps affixed to a firm fibre core.
- Used with custom Rubber Expanding Drums.

## Benefits

- Acts more aggressively than a flap wheel.
- Requires less pressure.
- Easier to control.
- Aggressive stock removal throughout product life.
- Reduce labour costs by removing material faster!
- Greater durability than spiral bands. No seams or splices to rip or tear on sharp edges.
- Protects and extends life of rubber drum.
- Precision balanced for smooth, even abrasive wear.
- Quick, easy changeovers. Drums expand and grip the band as machine reaches speed.
- Low vibration helps avoiding **White Fingers**.



### QUICK TIP:

Always take care that you are using the Flap Bands on the Expanding Drums in the right direction! A label inside each Flap Band shows the specification as well as the running direction!



## Small Diameter Flap Bands

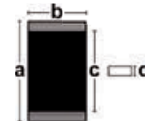
Small Flap Bands (22 to 75mm internal diameter) provide aggressive stock removal in confined spaces in place of spiral bands, carbide burrs, mounted points, flap wheels, plugs and cones. They are also excellent for grinding and finishing inside pipes and tubing.



For use on Die Grinders and Straight Grinders

## Aluminium Oxide Flap Bands

For general grinding on a variety of metals. Aluminium Oxide can be special ordered up through grit 400 for finer finishes.



Type LH

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a x b (mm)	c (mm)					MAX		Expanding Drum		
		A40	A60	A80	A120			d (mm)		
~35 x 20	22	150022	150024	150025	150027	26.000	10	6	150951	1
~45 x 20	30	150122	150124	150125	150127	19.100	10	6	150953	1
~45 x 30	30	150162	150164	150165	150167	19.100	10	6	150955	1
~60 x 30	45	150262	150264	150265	150267	12.700	10	6	150957	1
~75 x 30	60	150342	150344	150345	150347	9.500	10	6	150959	1
~90 x 30	75	150442	150444	150445	150447	7.600	10	8	150961	1

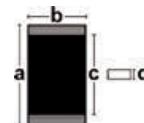


### QUICK TIP:

Flap Bands achieve best performance when used with less pressure.

## Zirconia Flap Bands

Zirconia grain for added durability. More aggressive on stainless steel.



Type LH

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a x b (mm)	c (mm)						MAX		Expanding Drum		
		R36	R40	R60	R80	R120			d (mm)		
~35 x 20	22	151021	151022	151024	151025	151027	26.000	10	6	150951	1
~45 x 20	30	151121	151122	151124	151125	151127	19.100	10	6	150953	1
~45 x 30	30	151161	151162	151164	151165	151167	19.100	10	6	150955	1
~60 x 30	45	151261	151262	151264	151265	151267	12.700	10	6	150957	1
~75 x 30	60	151341	151342	151344	151345	151347	9.500	10	6	150959	1
~90 x 30	75	151441	151442	151444	151445	151447	7.600	10	8	150961	1



### QUICK TIP:

All external diameters are approximate values and depending of the grit size.





For use on Bench Grinders

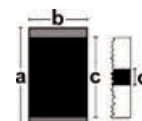
## Large Diameter Flap Bands

Larger Flap Bands can replace Type 1 grinding wheels on Bench Grinders. Their expanding drums can also replace the drive wheels if using on large belt grinders.



### Aluminium Oxide Flap Bands

For general grinding on a variety of metals. Aluminium Oxide can be special ordered up through grit 400 for finer finishes.



Type LH

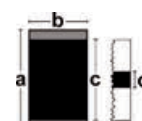
QUICK GUIDE									Expanding Drum			
	a x b (mm)	c (mm)	A40	A60	A80	A120			d (mm)			
	Cleaning											
	Cutting											
	Grinding	~170 x 30	150	350742	350744	350745	350747	3.000	2	50	350982	1
	Deburring											
	Blending	~170 x 50	150	350782	350784	350785	350787	3.000	2	50	350984	1
	Finishing											
Polishing	~220 x 30	200	350842	350844	350845	350847	2.500	2	50	350986	1	
	~220 x 50	200	350882	350884	350885	350887	2.500	2	50	350988	1	

### Zirconia Flap Bands






Zirconia grain for added durability. More aggressive on stainless steel.



Rubber Expanding Drum for large diameter Flap Bands.



Type LH

QUICK GUIDE										Expanding Drum		
	a x b (mm)	c (mm)	R36	R40	R60	R80	R120			Arbor		
Cleaning												
Cutting												
Grinding	~170 x 30	150	351741	351742	351744	351745	351747	3.000	2	50	350982	1
Deburring												
Blending	~170 x 50	150	351781	351782	351784	351785	351787	3.000	2	50	350984	1
Finishing												
Polishing	~220 x 30	200	351841	351842	351844	351845	351847	2.500	2	50	350986	1
	~220 x 50	200	351881	351882	351884	351885	351887	2.500	2	50	350988	1

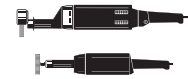


#### QUICK TIP:

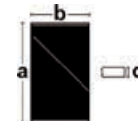
Large diameter rubber expanding drums come with a nylon reduction bushing to popular 25mm arbor size.

## Spiral Bands






Aluminium Oxide sleeves for general grinding, cleaning and finishing carbon and stainless steel. Spiral joints eliminate shadow marks from the work surface. Bands slide on reusable rubber drums for quick changeovers. Other sizes and grits are available on request.



For use on Die Grinders and Straight Grinders

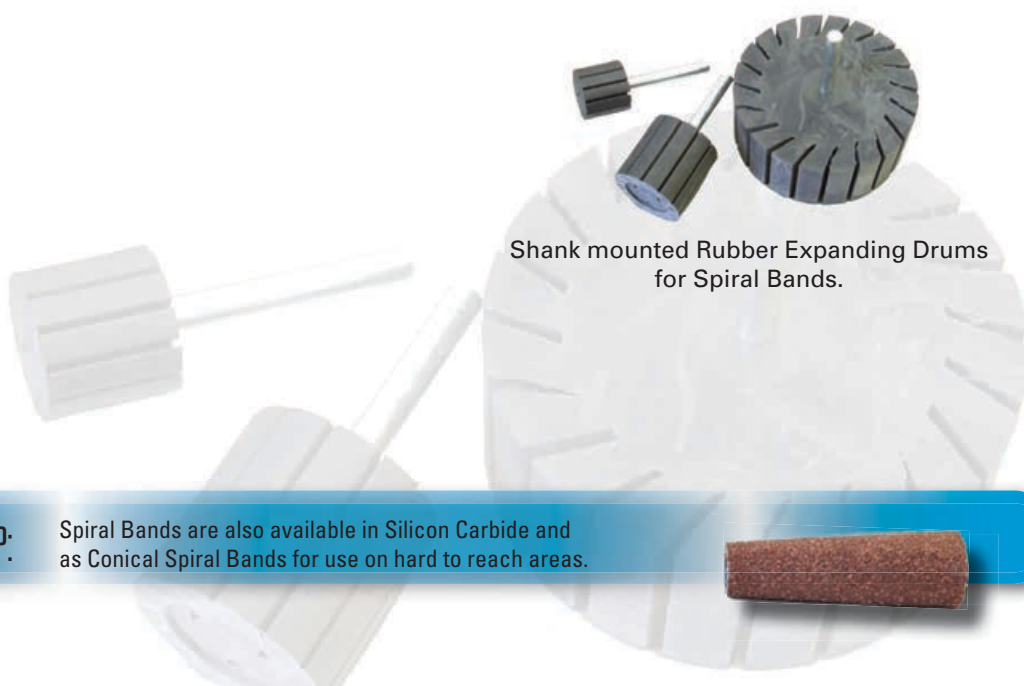


Type SH

 a x b (mm)								Expanding Drum		
	Aluminium Oxide			Zirconia				d (mm)		
	A50	A80	A150	Z50	Z80					
10 x 10	153135	153136	153137	155980	155981	44.000	50	6	157601	1
10 x 20	153163	153165	153168	155073	155075	44.000	50	6	157507	1
13 x 10	153255	153256	153257	155982	155983	44.000	50	6	157603	1
13 x 25	153303	153305	153308	155143	155145	44.000	50	6	157514	1
15 x 10	153375	153376	153377	155984	155985	36.000	50	6	157605	1
15 x 30	153455	153456	153457	155986	155987	36.000	50	6	157607	1
19 x 25	153533	153535	153538	155243	155245	30.100	50	6	157524	1
22 x 20	153603	153605	153608	155293	155295	26.000	50	6	150951	1
25 x 25	153683	153685	153688	155333	155335	22.900	50	6	157533	1
30 x 20	153763	153765	153768	155373	155375	19.100	50	6	150953	1
30 x 30	153783	153785	153788	155383	155385	19.100	50	6	150955	1
38 x 25	154003	154005	154008	155493	155495	15.000	50	6	157549	1
45 x 30	154123	154125	154128	155553	155555	12.700	50	6	150957	1
51 x 25	154223	154225	154228	155603	155605	11.200	50	6	157560	1
60 x 30	154343	154345	154348	155663	155665	9.500	50	6	150959	1
75 x 30	154575	154576	154577	155988	155989	7.600	25	8	150961	1
100 x 40	154683	154685	154688	155833	155835	5.700	25	8	150963	1

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Shank mounted Rubber Expanding Drums for Spiral Bands.



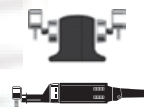
### QUICK TIP:

Spiral Bands are also available in Silicon Carbide and as Conical Spiral Bands for use on hard to reach areas.



## Unmounted Abrasive Flap Wheels

Made with Premium Aluminium Oxide grain on an X-weight cloth backing for maximum life and flexibility. Wends unmounted flap wheels are constructed with up to 30% more flaps for best performance in production applications. Available through grit 320.



For use on  
Bench Grinders and Straight Grinders

Type LS



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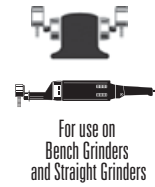
a x b (mm)	c (mm)	A40	A60	A80	A120	A180	MAX	
100 x 30	19	327002	327004	327005	327007	327009	8.000	1
100 x 40	19	327242	327244	327245	327247	327249	8.000	1
100 x 50	19	327462	327464	327465	327467	327469	8.000	1
100 x 30	21	327022	327024	327025	327027	327029	8.000	1
100 x 40	21	327262	327264	327265	327267	327269	8.000	1
100 x 50	21	327482	327484	327485	327487	327489	8.000	1
140 x 50	19	327702	327704	327705	327707	327709	6.200	1
140 x 50	21	327722	327724	327725	327727	327729	6.200	1
150 x 25	25	324422	324424	324425	324427	324429	5.800	1
150 x 50	25	324482	324484	324485	324487	324489	5.800	1
150 x 25	44	327942	327944	327945	327947	327949	5.800	1
150 x 50	44	328142	328144	328145	328147	328149	5.800	1
165 x 25	25	328342	328344	328345	328347	328349	5.500	1
165 x 30	25	328562	328564	328565	328567	328569	5.500	1
165 x 50	25	328802	328804	328805	328807	328809	5.500	1
165 x 25	44	328362	328364	328365	328367	328369	5.500	1
165 x 30	44	328582	328584	328585	328587	328589	5.500	1
165 x 50	44	328822	328824	328825	328827	328829	5.500	1
200 x 25	69	329062	329064	329065	329067	329069	4.500	1
200 x 50	69	329282	329284	329285	329287	329289	4.500	1
200 x 75	69	329502	329504	329505	329507	329509	4.500	1
200 x 100	69	329722	329724	329725	329727	329729	4.500	1
250 x 30	69	329942	329944	329945	329947	329949	3.500	1
250 x 50	69	330162	330164	330165	330167	330169	3.500	1
250 x 75	69	330382	330384	330385	330387	330389	3.500	1
250 x 100	69	330602	330604	330605	330607	330609	3.500	1
300 x 50	100	324942	324944	324945	324947	324949	2.800	1
300 x 100	100	325002	325004	325005	325007	325009	2.800	1
350 x 50	132	325082	325084	325085	325087	325089	2.500	1
350 x 100	132	325142	325144	325145	325147	325149	2.500	1
400 x 50	153	325222	325224	325225	325227	325229	2.200	1
400 x 100	153	325282	325284	325285	325287	325289	2.200	1





## Side Mounting Plates

Reusable side plates should always be used with unmounted abrasive flap wheels for support and safety. Side plates are available in a variety of arbor sizes, and will not fall out like reduction inserts.



### Type SP

Unmounted Flap Wheel Diameter in mm	Flange Dia. in mm		Arbor (smallest)	Expansion up to (largest)
100	55	340000	10	20
140	55	340000	10	20
150	79	340100	12	40
165	79	340200	12	40
200	122	340300	14	60
250	122	340400	14	60
300	156	340500	20	80
350	201	340600	25	120
400	225	340700	25	140



## Folded Flap Wheels

Type FS Unique folded design uses the sides of the wheels to finish within narrow channels.



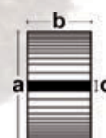
### Type FS

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 (mm)					
	A80	A120	A180		
160 x 10	323602	323604	323606	5.500	1
160 x 14	323612	323614	323616	5.500	1
160 x 25	323632	323634	323636	5.500	1
200 x 14	323642	323644	323646	4.500	1
400 x 45	323682	323684	323686	2.200	1

## Unmounted Interleaved Finishing Flap Wheels

Alternating flaps of abrasive cloth and nonwoven finishing material. Provides some stock removal while producing a brushed finish. Also good for deburring and finishing in one step.



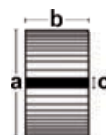
Type LK

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	a x b (mm)	c (mm)	A60/ Coarse	A80/ Med	A150/ Fine	A240/ V.Fine	OPT	MAX
	100 x 30	25	353002	353004	353008	353012	3.000	3.700
	150 x 30	25	353222	353224	353228	353232	2.000	3.200
	150 x 50	25	325591	325592	325594	325596	2.000	3.200
	200 x 30	25	353442	353444	353448	353452	1.500	2.400
	200 x 50	25	325621	325622	325624	325626	1.500	2.400

## Unmounted Nonwoven Finishing Flap Wheels

Non-aggressive nylon material produces a smooth surface finish.



Type LV

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	a x b (mm)	c (mm)	A-Coarse	A-Medium	A-Fine	A-Very Fine	OPT	MAX
	100 x 30	25	360002	360003	360004	360005	3.000	3.700
	150 x 30	25	360222	360223	360224	360225	2.000	3.200
	150 x 50	25	326490	326491	326492	326493	2.000	3.200
	200 x 30	25	360442	360443	360444	360445	1.500	2.400
	200 x 50	25	326520	326521	326522	326523	1.500	2.400

## Unmounted REX Nonwoven Cleaning Discs

Very coarse silicon carbide grain in a nylon web resists loading. Excellent for cleaning and surface preparation, as well as removing rust, paint, epoxy or weld spatter. Use with flanged adapters to mount on power tools.

Type RD

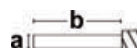
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	(mm)	S-Coarse	OPT	MAX
	100 x 10	326906	3.000	6.000
	150 x 10	326908	2.000	4.000
	200 x 10	326910	1.500	3.000



## Reuseable 6mm Shank for REX Cleaning Discs

Specially designed 6mm shank with flush end. Cap contains serrated teeth to secure disc. Adapter can hold either one or two discs.



a x b (mm)		
6 x 40	326993	1



## Unmounted Nonwoven Convolute Wheels

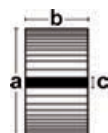
Made of Nonwoven Abrasives impregnated with resin wrapped and bonded around a center core, designed to be used over a wide range of substrates for demanding surface preparation and finishing applications.

Convolute wheels ensure a long lifetime plus an added benefit of consistent performance. They can be easily preformed, are very resistant to loading and clogging and are very user friendly while the risk to damage the work piece is reduced.



### Aluminium Oxide

Aluminium Oxide wheels are the best choice when working on Aluminium, Zinc, die cast and brass.

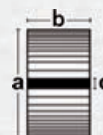


#### Type CK Aluminium Oxide

QUICK GUIDE						
		7		8		
		a x b (mm)	c (mm)	A-Med	A-Fine	A-Med
Cleaning						
Cutting						
Grinding						
Deburring						
Blending						
Finishing						
Polishing						
		150 x 12,5	25			348006
		200 x 25	76,2	348065	348066	348068
						6.000
						4.500
						2
						1

### Silicon Carbide

Silicon Carbide wheels are recommended when finishing on Stainless Steel, exotic alloys such as Titanium, Cobalt Chrome and Inconel.



#### Type CK SiC

QUICK GUIDE												
			6		7		8		9			
	a x b (mm)	c (mm)	S-Med	S-Fine	S-Med	S-Fine	S-Med	S-Fine	S-Med	S-Fine		
	Cleaning											
	Cutting											
	Grinding											
	Deburring											
	Blending											
	Finishing											
	Polishing											
	150 x 12,5	25				348000		348001			6.000	2
	150 x 25	25				348010					6.000	2
	200 x 25	76,2	348480	348481	348482	348060	348062	348061	348483	348063	4.500	1

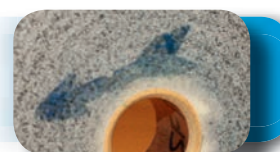
### Convolute Wheels Using Guide

Application Area	Specific Application	Specification	Recommended Speeds
Cleaning	general purpose cleaning, removing rust oxidation & light scale, pipe threads, mold flash removal	6 S-Fine 7 S-Fine 8 S-Fine	11 - 32 m/s
Deburring	formed and machined parts, die cast / radius edges on metal parts deburr piston rings, deburr flashings	8 S-Medium 9 S-Medium 9 S-Fine	28 - 41 m/s
Blending	refine turbine blades, blending prior to plating, smoothing parting lines on blades, blending of coarse grit size scratches, i.e. 60/80/120	7 S-Fine 8 A-Medium 8 S-Fine	28 - 41 m/s
Finishing	satin finish, final finish on aluminium, pre-plate finish, satin finish on cutlery, pre-plating finish on hand tools	A-Med Finishing S-Med Finishing S-Fine Finishing 8 S-Fine 9 S-Fine	2 - 15 m/s



#### QUICK TIP:

Convolute Wheels must always be run in the direction indicated by the arrow printed on the side of each wheel. Other densities and dimensions available upon request!





## Unmounted Nonwoven Convolute Wheels

### Silicon Carbide Finishing Wheels

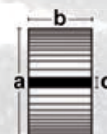
Load resistant open mesh construction ideal for applying grainy / food grade / dairy finishes on stainless steel.



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#### Type CK SiC Finishing

					
		Finishing			
a x b (mm)	c (mm)	S-Med	S-Fine		
150 x 25	25	348490	348491	6.000	2



#### QUICK TIP:

When deburring and finishing in one step is required, try our 9 S-Medium. It will remove burrs quickly with less pressure while leaving a pleasing finish at the same time.

## Unmounted Nonwoven Unitized Wheels

The specific design of Unitized Wheels, where layers of nonwoven abrasives are compressed and bonded together, ensures an extensive range of wheels because of the various combinations of nonwoven, resin and grain. The uniform construction and specific product characteristics making these wheels to a very user friendly surface preparation and finishing tool.

Unitized Wheels can be easily preformed, hold the shape well and maintains the part contours, which prevents cutting or gouging.

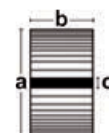
These features allow the End User to achieve high quality finishes on nearly all surfaces. Unitized wheels are also ideal to perform light deburring jobs, removing sharp edges, cleaning composites and to work on harder materials, such as Stainless Steel and Titanium.

Unitized wheels are often found to remove parting lines, deburr aluminium extrusions or for cleaning applications, such as removal of Oxidations, contaminations and coatings.

The cushioned nonwoven construction supports a user friendly polishing of surface defects and preparation of surfaces before buffing.





#### Wheel Direction

Unitized Wheels can be run in either direction.



#### Type UK

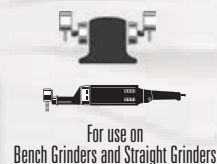
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a x b (mm)	c (mm)	4			7				
		A-Coarse	S-Med	S-VeryFine	A-Coarse	S-Med	S-VeryFine		
75 x 6	6	348700	348701	348702	348703	348704	348705	12.000	5
150 x 6	12	348710	348711	348712	348713	348714	348715	4.500	5
150 x 12	12	348720	348721	348722	348723	348724	348725	4.500	5
150 x 25	12	348730	348731	348732	348733	348734	348735	4.500	5



#### QUICK TIP:

Other dimensions and specifications available upon request.



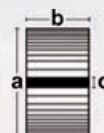
## Unmounted Felt Polishing Flap Wheels

Flap wheels of 70% wool felt are used with a compound or polish to produce up to a mirror finish. Unique flap construction is flexible and runs cooler.

Type FLS

			Specifications		OPT	MAX	
a x b (mm)	c (mm)		Soft D5 / H25	Medium D5 / H40			
100 x 25	25		346461	346462	1.900	3.700	1
100 x 30	25		346021	346022	1.900	3.700	1
150 x 25	25	51	346051	346052	1.250	3.200	1
150 x 50	25	51	346111	346112	1.250	3.200	1
150 x 75	25	51	346131	346132	1.250	3.200	1
200 x 25	25	51	346301	346302	950	2.400	1
200 x 50	25	51	346361	346362	950	2.400	1
200 x 75	25	51	346381	346382	950	2.400	1
200 x 100	25	51	346401	346402	950	2.400	1
200 x 150	25	51	346421	346422	950	2.400	1

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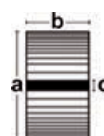
## Unmounted Flap Wheel Brushes

Flaps are slit lengthwise to increase flexibility. Ideal for polishing irregular shapes and surfaces.

Type FLB

			Specifications		OPT	MAX	
a x b (mm)	c (mm)		Soft D5 / H25	Medium D5 / H40			
150 x 50	25	51	346611	346612	1.250	3.200	1
150 x 75	25	51	346631	346632	1.250	3.200	1
200 x 50	25	51	346861	346862	950	2.400	1
200 x 75	25	51	346881	346882	950	2.400	1
200 x 100	25	51	346901	346902	950	2.400	1
200 x 150	25	51	346921	346922	950	2.400	1

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QUICK TIP:

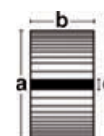
For more information on compounds please see page 76.

## Unmounted Flap Wheels with MDF core

Unmounted Abrasive Flap Wheels with a special wooden centre to fit on tapered spindle polishing machines. The specially designed MDF centre is universal to all tapered spindles.



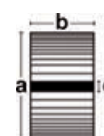
For use on Bench Grinders



### Type LS with MDF

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a x b (mm)	c (mm)	Flexibility					MAX	
		A 60	A 80	A 120	A 180	A 240		
165 x 25	12	331004	331005	331007	331009	331010	5.500	1
165 x 50	12	331024	331025	331027	331029	331030	5.500	1
200 x 25	12	331044	331045	331047	331049	331050	5.500	1
200 x 50	12	331064	331065	331067	331069	331070	5.500	1

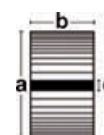


Unmounted Interleaved Finishing Flap Wheels with wooden centre.

### Type LK with MDF

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a x b (mm)	c (mm)	Flexibility				MAX	
		A 80/ Med	A 120/ Med	A 150/ Fine	A 240/ V. Fine		
165 x 25	12	353704	353706	353708	353712	2.900	1
165 x 50	12	353724	353726	353728	353732	2.900	1
200 x 25	12	353744	353746	353748	353752	2.900	1
200 x 50	12	353764	353766	353768	353772	2.900	1



Unmounted Nonwoven Finishing Flap Wheels with wooden centre.

### Type LV with MDF

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a x b (mm)	c (mm)	Flexibility				MAX	
		A-Coarse	A-Medium	A-Fine	A-Very Fine		
165 x 25	12	360702	360703	360704	360705	2.900	1
165 x 50	12	360722	360723	360724	360725	2.900	1
200 x 25	12	360742	360743	360744	360745	2.900	1
200 x 50	12	360762	360763	360764	360765	2.900	1



Unmounted Felt Polishing Flap Wheels with wooden centre.

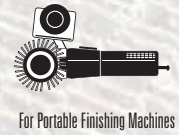


### Type FLS with MDF

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a x b (mm)	c (mm)	Flexibility		OPT	MAX	
		Soft D5 / H25	Medium D5 / H40			
165 x 25	12	346961	346962	1.150	2.900	1
165 x 50	12	346971	346972	1.150	2.900	1
200 x 25	12	346981	346982	1.150	2.900	1
200 x 50	12	346991	346992	1.150	2.900	1





Most dimensions are also available with a M14 or a 5/8-11 arbor!



Flap Rolls have a wide profile (up to 120mm) which make them an ideal accessory for finishing large surface areas with portable finishing tools. Their rotation provides a grained, or linear surface finish, as opposed to the swirl pattern produced by discs. Common applications include stainless steel panels, cabinets and food preparation equipment. Wendt Flap Rolls have a quad-keyway design to prevent slipping and fit nearly all keyed spindles.





## Abrasive Flap Rolls

Made with premium aluminium oxide grain on an X-weight backing for general deburring, cleaning, and finishing applications on carbon and stainless steels. Available in grits 36-400.



Type LW

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 a x b x c (mm)									
	A40	A60	A80	A120	A180	A240	A320		
100 x 50 x 19	323062	323063	323064	323066	323068	323069	323070	5.000	1
100 x 100 x 19	323162	323163	323164	323166	323168	323169	323170	5.000	1
100 x 100 x M14	323202	323203	323204	323206	323208	323209	323210	5.000	1
100 x 120 x 12	323182		323184	323186	323188	323189		5.000	1
110 x 100 x 19	323122	323123	323124	323126	323128	323129	323130	5.000	1
110 x 100 x M14	323222	323223	323224	323226	323228	323229	323230	5.000	1





## Abrasive Flap Roll Brushes

Similar to above, but with flaps slit lengthwise for added flexibility. Softer, mop configuration conforms to irregular shapes and contours. Available in grits 60-400.



Type BW

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 a x b x c (mm)					
	A60	A80	A120		
100 x 100 x 19	323263	323264	323266	5.000	1
100 x 120 x 12	323294	323295	323297	5.000	1



QUICK TIP:

Flap Rolls are designed for specialized finishing tools which are rated at 5.000 RPM's or lower, and are properly guarded. They should never be adapted to other tools. For more information on tool selection, please contact Wendt's customer service.



## Interleaved Finishing Flap Rolls

Alternating flaps of Aluminium Oxide coated abrasive and Nonwoven material produces a brushed surface finish. The coated abrasive makes the product slightly more aggressive than a nylon roll (below) for light finishing and deburring.



Type KW

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a x b x c (mm)					OPT	MAX	
	A 60 / Coarse	A 80 / Medium	A 150 / Fine	A 240 / V. Fine			
100 x 50 x 19	323431	323432	323435	323437	2.000	5.000	1
100 x 100 x 19	323481	323482	323485	323487	2.000	5.000	1
100 x 100 x M14	323501	323502	323505	323507	2.000	5.000	1
100 x 120 x 12		323492		323497	2.000	5.000	1
110 x 100 x 19	323461	323462	323465	323467	2.000	5.000	1
110 x 100 x M14	323511	323512	323515	323517	2.000	5.000	1

## Nonwoven Finishing Flap Rolls

Flaps of Nonwoven nylon finishing material for surface preparation and finishing applications. Also available in Grey Ultra-Fine material.



Type VW

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a x b x c (mm)						OPT	MAX	
	A - Coarse	A - Medium	A - Fine	A - V. Fine	S - U. Fine			
100 x 50 x 19	323730	323731	323732	323733	323734	2.000	5.000	1
100 x 100 x 19	323780	323781	323782	323783	323784	2.000	5.000	1
100 x 100 x M14	323705	323706	323707	323708	323709	2.000	5.000	1
100 x 120 x 12		323791	323792	323793		2.000	5.000	1
110 x 100 x 19	323760	323761	323762	323763	323764	2.000	5.000	1
110 x 100 x M14	323715	323716	323717	323718	323719	2.000	5.000	1

## REX Nonwoven Cleaning Rolls

Coarse Silicon Carbide grain impregnated throughout a heavy nylon web.

Excellent for rust and paint removal, cleaning, surface preparation, and deburring.



Type RW

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a x b x c (mm)		OPT	MAX	
100 x 100 x 19	323963	2.000	5.000	1
100 x 100 x M14	323960	2.000	5.000	1



### QUICK TIP:

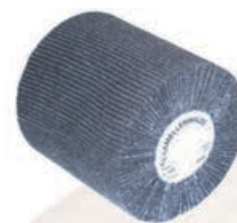
Nonwoven and Interleaved rolls should always be run at lower speeds than coated abrasives. This will extend the roll life and improve finish.



## Ultra Finishing Flap Rolls

Ultra-fine silicon carbide grit on a sponge-like flap provides exceptional finish on metals, stainless steel, aluminium, fiberglass, plastics and stone surfaces without loading. The next step below a polished surface.

### Type UW



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a x b x c (mm)	U600		OPT	MAX	
	U600	U1500			
100 x 50 x 19	323602	323605	2.000	5.000	1
100 x 100 x 19	323612	323615	2.000	5.000	1



## Felt Polishing Flap Rolls

Use in combination with a buffing or polishing compound to produce up to a mirror finish. Made from 70% wool felt.

### Type FW



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a x b x c (mm)	Flexible		Extra Flexible		OPT	MAX	
	Soft D5 / H25	Medium D5 / H40	Soft D3 / H25	Medium D3 / H40			
100 x 50 x 19	323801	323802	323806	323807	1.900	3.700	1
100 x 100 x 19	323821	323822	323826	323827	1.900	3.700	1
100 x 100 x M14	323881	323882	323885	323886	1.900	3.700	1
100 x 120 x 12	323935	323936	323937	323938	1.900	3.700	1
110 x 100 x 19	323930	323931	323932	323933	1.900	3.700	1
110 x 100 x M14	323891	323892	323895	323896	1.900	3.700	1

## Felt Polishing Flap Roll Brushes

Felt Flaps are slit lengthwise to further increase flexibility, and conform to irregular shapes and surfaces.

### Type FWG



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a x b x c (mm)	Flexible		Extra Flexible		OPT	MAX	
	Soft D5 / H25	Medium D5 / H40	Soft D3 / H25	Medium D3 / H40			
100 x 50 x 19	323841	323842	323846	323847	1.900	3.700	1
100 x 100 x 19	323861	323862	323866	323867	1.900	3.700	1
100 x 120 x 12	323925	323926	323927	323928	1.900	3.700	1
110 x 100 x 19	323920	323921	323922	323923	1.900	3.700	1



### QUICK TIP:

Ultra Finishing and Felt Products should always be run at lower speeds than coated abrasives. This will extend the roll life and improve finish. Further information on compounds please see page 76.






## Abrasive Shop Rolls

Premium Aluminium Oxide shop rolls are a popular accessory in nearly every manufacturing facility, maintenance shop and metal fabrication shop. They are handy for light sanding, deburring, cleaning or removing an edge. All grits are bonded to a durable J-weight cloth.



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Type HR

						
	A40	A60	A80	A120	A180	
40mm x 25m	957461	957463	957464	957466	957468	1
40mm x 50m	957481	957483	957484	957486	957488	1
50mm x 25m	957501	957503	957504	957506	957508	1
50mm x 50m	957521	957523	957524	957526	957528	1



QUICK TIP:

Other grades and sizes available upon request.

## Nonwoven Hand Pads and Rolls

Abrasive is evenly distributed throughout a 3-dimensional nylon web. The open construction resists loading or clogging, and conforms to the shape of the work surface. Nonwovens can be used in a broad range of applications including: surface cleaning and preparation, paint and oxidation removal, and finishing.



Available in the following grades:

- Green** - "Pot scrubbing" grade for aggressive cleaning
- Maroon** - General surface preparation and finishing
- Black** - For grained finishing
- Grey** - Fine finishing
- White** - Polishing and non-aggressive cleaning on delicate surfaces

All grades are non-metallic and will not leave behind a metal residue like wire brushes and steel wool. They can be used wet or dry.



## Handi Rolls

Popular grades packaged in economical 10 meter long rolls.  
Can be cut to desired length.

Type HR

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		GP-Green	A-Med	A-Fine	A-VeryFine	S-UltraFine	
100mm x 10m	Green (Aluminium Silicate)	963051					1
100mm x 10m	Maroon (Aluminium Oxide)		963071	963076	963081		1
115mm x 10m			963073	963078	963083		1
100mm x 10m	Grey (Silicon Carbide)					963091	1
115mm x 10m						963093	1

## Hand Pads

Type VH

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150 x 230	Green (Aluminium Silicate)	GP - Green	963030	10
	Maroon (Aluminium Oxide)	A-Coarse	963032	10
		A-Medium	963035	10
		A-Very Fine	963037	10
	Black (Silicon Carbide)	S-Medium	963040	10
	Grey (Silicon Carbide)	S-Ultra Fine	963041	10
	White (Non-abrasive)	Non-abrasive	963044	10



### QUICK TIP:

Other grades available upon request.

Wendt Solid Carbide burrs are precision machine ground and balanced for smooth performance and long tool life. Available in a variety of shapes, sizes and cut patterns to fit most applications.



**Single Cut** - Suitable for general grinding on steel, stainless and carbon fibr. Produces a long chip.



**Double Cut** - The most popular choice for rapid stock removal on Carbon and Stainless steel. The left hand crosscut produces smaller chips, providing better operator control and excellent finish.



**PowerMax HDC** - Engineered with a deeper, heavier duty cut than our standard Double Cut. Produces a more aggressive cutting action, suited for foundry and other heavy stock removal applications. For fast stock grinding on stainless steel, steel and cast iron.



**Non-Ferrous** - A very open, coarse cut for aggressive stock removal on Aluminium, Non-Ferrous materials, Plastics and Fiberglass. The open flutes resist loading on softer materials.



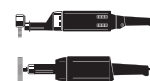
**Extended Length Shanks** - Many common sizes available in extended 150mm long shanks for hard to reach applications. Custom lengths also available on special request.

Wendt Type	<b>SA</b>	<b>SB</b>	<b>SC</b>	<b>SD</b>	<b>SE</b>	<b>SF</b>	<b>SG</b>	<b>SL</b>	<b>SM</b>
	Cylinder	Cylinder with End Cut	Radius End Cylinder	Ball	Oval	Radius End Tree	Pointed Tree	Radius End Taper	Cone

Miniature versions of these shapes are available on 3mm shank for detailed work.







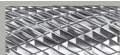



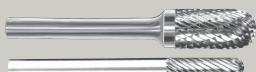






For Use On Die Grinders and Straight Grinders

## Double Cut

Standard double cut is the most popular cut pattern for steel and stainless steel applications.

The cross cut design removes small chips of material, yet is easy for the operator to control.



Double Cut  For Stainless Steel and Carbon Steel						
Shape			Standard Shank		150mm Long Shank	
	a x b (mm)	c (mm)	Type		Type	
Cylinder - SA 	6 x 16	6	SA-1M	965500		
	9.5 x 19	6	SA-3M	965509	SA-3ML150	965512
	12.7 x 25	6	SA-5M	965515	SA-5ML150	965518
	3 x 14	3	SA-43M	965524		
End Cut Cylinder - SB 	9.5 x 19	6	SB-3M	965559	SB-3ML150	965562
Radius End Cylinder- SC 	6 x 16	6	SC-1M	965590		
	9.5 x 19	6	SC-3M	965599	SC-3ML150	965602
	12.7 x 25	6	SC-5M	965605	SC-5ML150	965608
	3 x 14	3	SC-42M	965617		
Ball - SD 	6 x 5	6	SD-1M	965640		
	9.5 x 8	6	SD-3M	965649	SD-3ML150	965652
	12.7 x 11	6	SD-5M	965658		
	3 x 2.5	3	SD-42M	965667		
Oval - SE 	6 x 9.5	6	SE-1M	965690		
	9.5 x 16	6	SE-3M	965696		
	12.7 x 22	6	SE-5M	965702	SE-5ML150	965705
	3 x 5.5	3	SE-41M	965711		
Radius End Tree - SF 	6 x 16	6	SF-1M	965740		
	9.5 x 19	6	SF-3M	965746	SF-3ML150	965749
	12.7 x 25	6	SF-5M	965752	SF-5ML150	965755
	3 x 12.7	3	SF-42M	965758		
Pointed Tree - SG 	6 x 16	6	SG-1M	965780		
	9.5 x 19	6	SG-3M	965786	SG-3ML150	965789
	12.7 x 25	6	SG-5M	965792	SG-5ML150	965795
	3 x 12.7	3	SG-44M	965804		
Radius End Taper - SL 	6 x 16	6	SL-1M	965860		
	9.5 x 27	6	SL-3M	965869	SL-3ML150	965872
	12.7 x 28	6	SL-4M	965875		
	3 x 12.7	3	SL-42M	965883		
Cone - SM 	6 x 12.7	6	SM-1M	965900		
	9.5 x 16	6	SM-4M	965906		
	12.7 x 22	6	SM-5M	965909		
	3 x 11	3	SM-42M	965912		

### QUICK GUIDE

Cleaning
Cutting
Grinding
Deburring
Blending
Finishing
Polishing

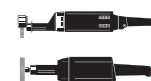


### QUICK TIP:

Other shapes, sizes and cuts are available upon request.

## PowerMax HDC

Engineered for more aggressive rate of cut. PowerMax HeavyDuty Cut (HDC) has a deeper cut pattern than our standard Double Cut. Ideal for foundry and shipyard applications.



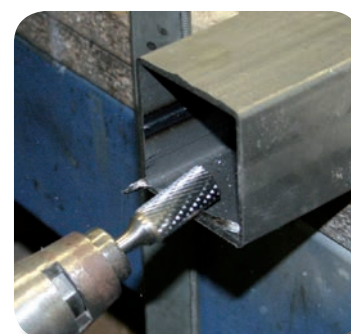
For Use On Die Grinders and Straight Grinders



**NEW  
PRODUCT**

QUICK GUIDE
Cleaning
Cutting
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Deburring
Blending
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Polishing

HDC		For Stainless Steel, Steel and Iron			
Shape				Standard Shank	
		a x b (mm)	c (mm)	Type	
Cylinder - SA		9.5 x 19	6	SA-3MHDC	965510
		12.7 x 25	6	SA-5MHDC	965516
End Cut Cylinder - SB		9.5 x 19	6	SB-3MHDC	965560
Radius End Cylinder- SC		9.5 x 19	6	SC-3MHDC	965600
		12.7 x 25	6	SC-5MHDC	965606
Ball - SD		9.5 x 8	6	SD-3MHDC	965650
		12.7 x 11	6	SD-5MHDC	965659
Oval - SE		9.5 x 16	6	SE-3MHDC	965697
		12.7 x 22	6	SE-5MHDC	965703
Radius End Tree - SF		9.5 x 19	6	SF-3MHDC	965747
		12.7 x 25	6	SF-5MHDC	965753
Pointed Tree - SG		9.5 x 19	6	SG-3MHDC	965787
		12.7 x 25	6	SG-5MHDC	965793
Radius End Taper - SL		9.5 x 27	6	SL-3MHDC	965870
		12.7 x 28	6	SL-4MHDC	965876
Cone - SM		12.7 x 22	6	SM-5MHDC	965910



## Non-Ferrous

Very open, coarse pitch flute pattern to resist loading on softer materials.



QUICK GUIDE
Cleaning
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Polishing

Non-Ferrous		For Aluminium, Brass, Fiberglass and Plastic			
Shape				Standard Shank	
		a x b (mm)	c (mm)	Type	
Cylinder - SA		9.5 x 19	6	SA-3MNF	965511
		12.7 x 25	6	SA-5MNF	965517
Radius End Cylinder- SC		9.5 x 19	6	SC-3MNF	965601
		12.7 x 25	6	SC-5MNF	965607
Ball - SD		9.5 x 8	6	SD-3MNF	965651
		12.7 x 11	6	SD-5MNF	965660
Radius End Tree - SF		9.5 x 19	6	SF-3MNF	965748
		12.7 x 25	6	SF-5MNF	965754



## Burr-Kit

8-Piece Double Cut Burr Assortment.

The Wendt burr kit is an excellent assortment for any toolbox.

Oak kit contains, 1 each:  
SA-5M, SC-3M, SC-5M, SD-5M,  
SF-3M, SF-5M, SG-3M, and SL-4M  
all on standard 6mm shank.



Part.-no.: 999954

## Cartridge Roll Kit

An assortment of 120 pcs. of the most popular sizes of straight and Full Tapered Cartridge Rolls.



Each Kit consists of:

12x SR10383080	16x SR6253120
12x SR10383120	6x SR10253080
8x SR13383080	6x SR10253120
8x SR13383120	6x SRK13383080
12x SR6383080	9x SRK10383080
12x SR6383120	1x SRD3256
16x SR6253080	1x SRD3196

Part.-no.: 999953

## Step Finishing Kit

Use a selected variety of our Mounted Flap Wheels for all working steps from grinding up to mirror polishing.



Each Kit consists of:

- 1x LH30206R060 + E30206
- 1x WF40206120
- 1x WVK40206C080
- 1x WV40206M
- 1x WV40206VF
- 1x WV40206SF
- 1x US401264SVF
- 1x FF40206D2H25
- 1x FFB40206D2H40
- 1x WENDT ORANGE
- 1x WENDT WHITE

Part.-no.: 999957

## Felt Polishing Flap Wheel Kit

Kit assortment allows you to experiment with some of our more popular Felt Products - all on 6mm shank.

Experiment with the products first hand to see how they can improve your polishing process. Our polishing kit includes a range of wheel sizes for both detailed applications, as well as larger surfaces. Ideal mix for automobile restoration projects.

Each Kit consists of:

- 1x FF20206D2H25
- 1x FF40306D3H25
- 1x FF40306D3H40
- 1x FFB40306D3H25
- 1x Wendt White



Part.-no.: 999958



## Finishing Discs Kit

Part.-no.: 999956

Transform your angle grinder into a finishing tool. Contains three different Wendt Discs with glassfibre backing for a wide range of finishing applications. Polish up to a mirror finish.



Each Kit consists of:  
1x HG29125M  
1x UG271254SVF  
1x FG27125D5H25  
1x Wendt White

## WENDT Complete Sample Kit

Part.-no.: 999955



A complete assortment of samples of our product range.  
Includes samples of the most popular Abrasive, Finishing, and Polishing Products for non-stationary tools.

Gives you the opportunity to be sure to carry at least one solution for each custom application with you to your customer.

## Polishing Compounds

Every Wendt felt polishing tool is supposed to being used with a polishing compound.



For pre-polishing purposes please use the **WENDT ORANGE** Polishing Compound.

Part.-no.: 999024



For polishing purposes up to mirror finishing please use the **WENDT WHITE** Polishing Compound.

Part.-no.: 999025



**QUICK TIP:**

For further information on polishing compounds applications please contact our Customer Service.

## WENDT Tool Center

A three sided display which allows you to show a wide variety of Wendt abrasive products in your show room.

Take advantage of a very compact but very versatile and professional display.

Part.-no.: 999970



## WENDT Exhibition Display

Perfect promotional solution for exhibition participations.

Wendt distributors take advantage of a well designed banner which attracts the attention of potential customers.

On request, the banner layout can be individualized.

Part.-no.: 999971

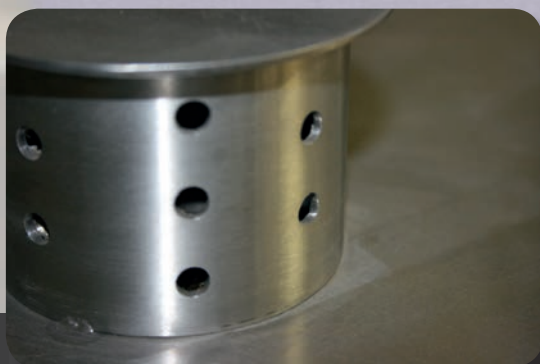


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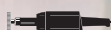
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