

Spindle Mounted Flap Wheels



Flap wheels are used for grinding, dressing, deburring, polishing and blending of all kinds of surfaces.

Santek has three main groups of coated abrasive flap wheels made from high quality resin over resin cotton abrasive cloth.

STD: Ridged and aggressive for high stock removal and grinding applications.

T-Flex: Flexible, good life for general metal and stainless steel applications.

Flap wheels will yield a finer finish than the same grit size in a flat coated abrasive product. This should be taken into consideration when selecting a grit size.

Safety



Flap wheels perform best between 15-20m/s, this giving the optimum balance between stock removal, surface finish, cutting temperature and wheel life.

NB! Excess speed is dangerous and may result in wheel disintegration, flaps pulling out, grain shedding and overheating.

NEVER USE FLAP WHEELS AT SPEEDS IN EXCESS OF 40m/s!

Do not use wet or in any coolant or oil. Flap wheels are direction sensitive.

Use in accordance to ANSI B7.1.

Diameter	Recommended Speed rpm	Maximum Speed rpm
25mm	15000	30500
30mm	12000	25400
40mm	9600	19100
50mm	7000	15200
60mm	6300	12700
80mm	4800	9500

Standard Sizes Available

Dia. Width	5mm	10mm	15mm	20mm	25mm	30mm	40mm	50mm
25mm		•	•	•				
30mm	•	•	•	•	•			
40mm		•	•	•	•	•		
50mm	•	•	•	•	•	•	•	
60mm				•	•	•	•	•
80mm					•	•	•	•



Standard Grit Sizes Available

Type	Grit	P40	P60	P80	P120	P150	P240	P320	P400	P600
STD		•	•	•	•	•	•	•	•	•
T-Flex			•	•	•	•	•	•	•	
H-Flex			•	•	•	•	•	•		

Volumes warranted, Santek will deviate for the standard dimensions above and produce product to our customer's specific requirements.

Flap wheels can also be made with Zirconium and Silicone Carbide grain.

Flap Wheels



Flap wheels are used for grinding, dressing, deburring, polishing and blending of all kinds of regular or irregular surfaces.

Santek flap wheels are made in a range of different constructions, offering a choice in flexibility, aggression, hardness and cutting action.

Type-1-L: Standard wheel, Medium density, Medium Pressure, Long Flap, L-Hub.

Type-2-L: Short Flap, Extra high density, Extra high pressure, large hub, L-Hub.

Type-3-U: Soft flap, Low & Med Pressure, good grain exposure, Cooler cut, U-Hub.

Type-4-P: Plastic centre with 19mm hole and keyway, Soft short flaps.

Safety



Flap wheels perform best between 15-20m/s, this giving the optimum balance between stock removal, surface finish, cutting temperature and wheel life.

NB! Excess speed is dangerous and may result in wheel disintegration, flaps pulling out, grain shedding and overheating.

NEVER USE FLAP WHEELS AT SPEEDS IN EXCESS OF 50m/s!

Do not use wet or in any coolant or oil. Flap wheels are direction sensitive.

Use in accordance to ANSI B7.1.

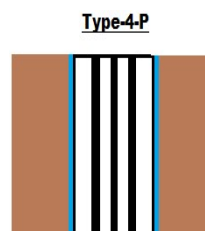
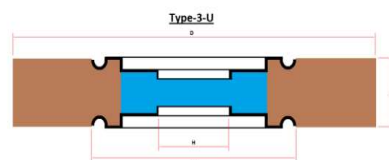
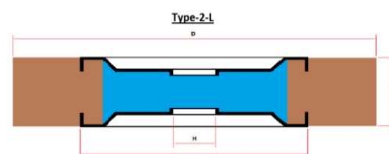
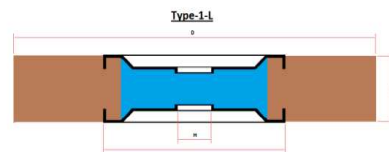
Diameter	Recommended Speed rpm	Maximum Speed rpm
100mm	5500	9500
150mm	3500	6300
200mm	3200	5700
250mm	2600	4700
300mm	1700	3100

Type 1-L Standard Sizes

Dia. Width	25mm	40mm	50mm	100mm	Hub Size
150mm	●	●	●	●	Y76xH25
200mm	●	●	●	●	Y100xH25
250mm		●	●		Y150xH25
300mm		●	●	●	Y150xH25

Type 2-L Standard Sizes

Dia. Width	25mm	40mm	50mm	100mm	Hub Size
150mm	●	●	●	●	Y95xH25



Type 3-U Standard Sizes

Dia. Width	25mm	38mm	50mm	Hub Size
115mm	20mm			M14
150mm	●	●	●	Y80xH25 or H40
200mm	●	●	●	Y100xH25
200mm	●	●	●	Y120xH67
250mm			●	Y120xH67



Standard Grit Sizes Available

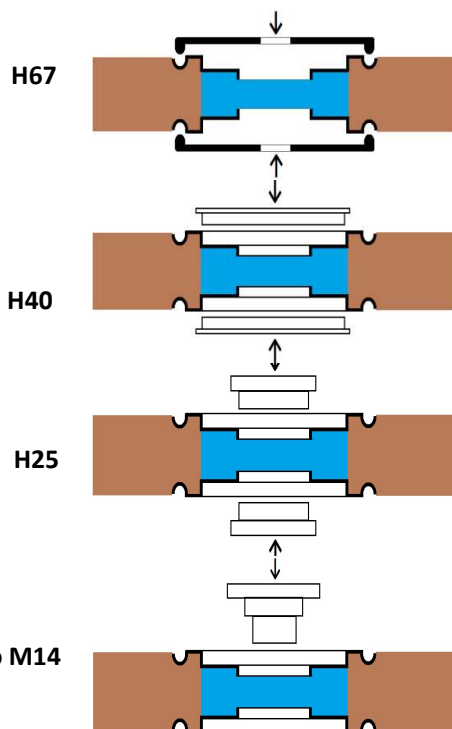
Type	Grit	P40	P60	P80	P120	P240	P320	P400	P600
Type 1-L		•	•	•	•	•	•	•	•
Type 2-L		•	•						
Type 3-U		•	•	•	•	•	•		
Type 4-P		•	•	•	•				



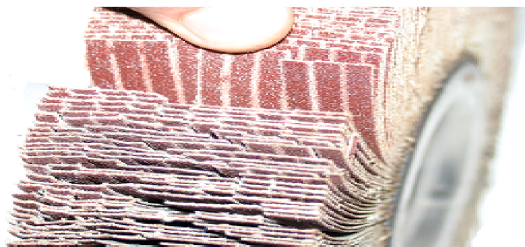
Flange and Bush Sets for Flap Wheels



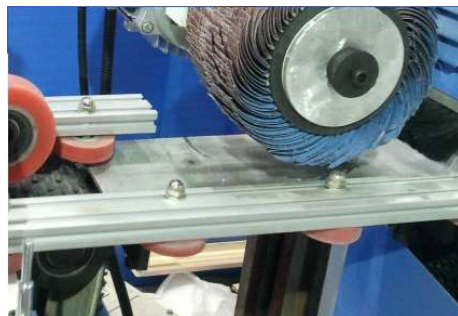
Wheel Hole	Flange Hole	M14	19mm	25mm	30mm	32mm
H25		•	•	•		
H40			•	•	•	•
H67			•	•	•	•



Slashed Flap Wheel



Size	Grit	P60	P80	P120	P240	P320
150x50		•	•	•	•	•
200x50		•	•	•	•	•



Volumes warranted Santek Flap Wheels can be made to almost any dimensions and custom designed to suit our customer's unique requirements.

Non-Woven Abrasives Flap Wheels



Non-Woven Flap wheels are used for, light deburring, polishing, decorative finishing and blending of all kinds of regular and irregular surfaces.

Santek Non-Woven flap wheels are made in a range of different constructions, offering a choice in flexibility, aggression, hardness and finish.

Type-W: Wooden centre. Allowing the wheel to be used on a pig-tail or for the customer to bore their own centre hole.

Type-M-L: Metal centre L-Type. Standard bore dimensions. Stronger and able to operate at slightly higher speeds as opposed to Type-W.

Type-M-U: Metal centre L-Type. Standard bore dimensions. Stronger and able to operate at slightly higher speeds as opposed to Type-W.

Type-4-P: Plastic center with 19mm Key-way. For 100mm hand held machine.

Type-P: PVC large bore. Normally for automated machinery. Can be ganged together for extended width.

Safety



Non-Woven Flap wheels perform best between 10-20m/s, this giving the optimum balance between stock removal, surface finish, cutting temperature and wheel life.

NB! Excess speed is dangerous and may result in the wheel delaminating, flaps pulling out, flaking, fiber melting and overheating.

NEVER USE FLAP WHEELS AT SPEEDS IN EXCESS OF 35m/s.

Do not use wet or in any coolant or oil.

Use in accordance to ANSI B7.1.



Type-W

Dia. Width	25mm	50mm	100mm	Hub Size
150mm	●	●		Y76xH(?)
150mm	●	●		Y95xH(?)
200mm	●	●		Y100xH(?)
200mm	●	●		Y125xH(?)
250mm	●	●		Y150xH(?)

Type-M-U



Dia. Width	25mm	50mm	100mm	Hub Size
150mm	●	●		Y80xH25/H40
200mm	●	●		Y100xH25
200mm		●		Y125xH67
250mm		●		Y150xH25

Type-4-P



Dia. Width	25mm	50mm	100mm	Hub Size
100mm		●	●	Y40xH19-K

Diameter	Recommended Speed rpm	Maximum Speed rpm
100mm	3000	5000
150mm	2000	4000
200mm	1500	3000
250mm	1200	2300

Wheel Density Options

H3	H5	H7
Soft	Med	Dense

Type-M-L



Dia. Width	25mm	50mm	100mm	Hub Size
150mm	●	●		Y76xH25
150mm	●	●		Y95xH25
200mm		●	●	Y115xH25
250mm		●	●	Y150xH25

Type-K



Dia. Width	25mm	50mm	100mm	Hub Size
150mm	●	●		Y90xH76
200mm	●	●	●	Y114xH100
250mm		●	●	Y150xH140

Non-Woven Interleaved Flap Wheels



Non-Woven Interleaved wheels are, light deburring, polishing, decorative finishing and blending of all kinds of regular and irregular surfaces.

Santek Non-Woven Interleaved wheels are made in a range of different constructions, offering a choice in flexibility, aggression, hardness and finish.

Type-M-L: Metal centre L-Type. Standard bore dimensions.

Type-M-U: Metal centre L-Type. Standard bore dimensions.

Type-4-P: Plastic center with 19mm Key-way. For 100mm hand held machine.

Type-P: Plastic large bore. Normally for automated machinery. Can be ganged together for extended width.

Safety



Non-Woven Interleaved wheels perform best between 15-20m/s, this giving the optimum balance between stock removal, surface finish, cutting temperature and wheel life.

NB! Excess speed is dangerous and may result in the wheel delaminating, flaps pulling out, flaking, fiber melting and overheating.

NEVER USE FLAP WHEELS AT SPEEDS IN EXCESS OF 35m/s.

Do not use wet or in any coolant or oil.

Use in accordance to ANSI B7.1.

Santek produce Interleaved wheels in the following combinations.

1+1 – 1 Non-Woven + 1 Abrasive cloth Flap

1+2 – 1 Non-Woven + 2 Abrasive cloth Flap

1+3 – 1 Non-Woven + 3 Abrasive cloth Flap

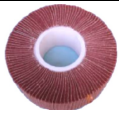


Type-M-L



Dia. Width	25mm	50mm	100mm	Hub Size
150mm	●	●		Y76xH25
150mm	●	●		Y95xH25
200mm		●	●	Y115xH25
250mm		●	●	Y150xH25

Type-P



Dia. Width	25mm	50mm	100mm	Hub Size
150mm	●	●		Y90xH76
200mm	●	●	●	Y114xH100
250mm		●	●	Y150xH140

Standard Grit Sizes Available

	Coarse/P60	Med/P120	Fine/P150	V-Fine/P240
Grit	●	●	●	●

Type-M-U



Dia. Width	25mm	50mm	100mm	Hub Size
150mm	●	●		Y80xH25/H40
200mm	●	●		Y100xH25
200mm		●		Y125xH67
250mm		●		Y150xH25

Type-4-P



Dia. Width	25mm	50mm	100mm	Hub Size
100mm		●	●	Y40xH19-K

Spindle Mounted Non-Woven Wheels



Non-Woven Flap wheels are used for, light deburring, polishing, decorative finishing and blending of all kinds of regular and irregular surfaces.

Safety



Flap wheels perform best between 10-20m/s, this giving the optimum balance between stock removal, surface finish, cutting temperature and wheel life.

NB! Excess speed is dangerous and may result in wheel disintegration, flaps pulling out, grain shedding and overheating.

NEVER USE FLAP WHEELS AT SPEEDS IN EXCESS OF 35m/s.

Do not use wet or in any coolant or oil. Flap wheels are direction sensitive.

Use in accordance to ANSI B7.1.

Diameter	Recommended Speed rpm	Maximum Speed rpm
40mm	7500	15000
50mm	6000	12000
60mm	5000	10000
75mm	4300	8000
80mm	4000	7500

Standard Sizes Available

Dia. Width	20mm	25mm	30mm	40mm	50mm
40mm	•	•	•		
50mm		•	•	•	
60mm		•	•	•	•
75mm		•	•	•	•
80mm		•	•	•	•

Standard Grit Sizes Available

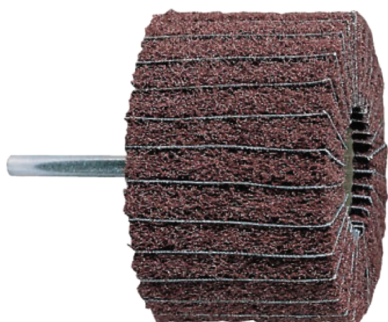
	Coarse	Med	Fine	V-Fine
Grit	•	•	•	•



Volumes warranted, Santek will deviate for the standard dimensions above and produce product to our customer's specific requirements.

Spindle Mounted Non-Woven Interleaved Wheels

Non-Woven Interleaved Flap wheels are used for, light deburring, polishing, decorative finishing and blending of all kinds of regular and irregular surfaces.



Safety

Non-Woven Flap wheels perform best between 15-20m/s, this giving the optimum balance between stock removal, surface finish, cutting temperature and wheel life.

NB! Excess speed is dangerous and may result in wheel disintegration, flaps pulling out, grain shedding and overheating.

NEVER USE FLAP WHEELS AT SPEEDS IN EXCESS OF 40m/s!

Do not use wet or in any coolant or oil. Flap wheels are direction sensitive.

Use in accordance to ANSI B7.1.

Diameter	Recommended Speed rpm	Maximum Speed rpm
40mm	7500	15000
50mm	6000	12000
60mm	5000	10000
75mm	4300	8000
80mm	4000	7500

Standard Sizes Available

Dia. Width	20mm	25mm	30mm	40mm	50mm
40mm	•	•	•		
50mm		•	•	•	
60mm		•	•	•	•
75mm		•	•	•	•
80mm		•	•	•	•

Standard Grit Sizes Available

	Coarse/P60	Med/P120	Fine/P150	V-Fine/P240
Grit	•	•	•	•



Volumes warranted, Santek will deviate for the standard dimensions above and produce product to our customer's specific requirements.

Fan Wheels



Fan Wheels designed to grind and blend fillet welds and corners.

When in use the flaps open forming a V-shape, perfectly blending welds to near invisible.

Fan Wheels are made in either Aluminum Oxide or Zirconium.

Safety



Fan Wheels perform best between 15-25m/s, this giving the optimum balance between stock removal, surface finish, cutting temperature and life.

NB! Excess speed is dangerous and may result in wheel disintegration, grain shedding and overheating.

NEVER USE PROPELLER & SLOTTED DISCS AT SPEEDS IN EXCESS OF 30m/s.

Do not use wet or in any coolant or oil.

Use in accordance to ANSI B7.1.

Diameter	Recommended Speed rpm	Maximum Speed rpm
178mm	3000	4200



Standard Sizes Available

Dia	Bore
180mm	22mm

Standard Grit Sizes

Grit Size	Alo.	Zir.
P36	●	●
P60	●	●
P80	●	●
P120	●	●
P150	●	
P180	●	
P240	●	
P400	●	
P600	●	

Flap Discs



Flap Discs are used for grinding, dressing, deburring, polishing and blending of all kinds of surfaces and welds.

Santek flap Discs are made in a range of different constructions, offering a choice in flexibility, aggression, hardness and cutting action.

STD: Industry standard quantity of flaps and flap length.

XXL: Increased quantity of flaps per disc. Resulting in a thicker disc and longer life.

Flat Type 27: Flat abrasive surface, offering good flat grinding control,

Dish Type 29: Angled abrasive surface. Aggressive action due to small contact area.

Safety



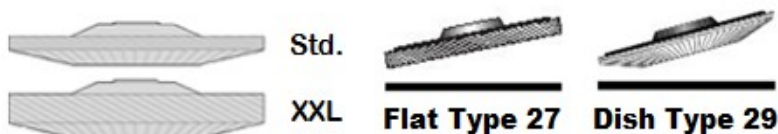
Flap Discs perform best between 50-80m/s, this giving the optimum balance between stock removal, surface finish, cutting temperature and life.

NB! Excess speed is dangerous and may result in the disc disintegration, flaps pulling out, grain shedding and overheating.

NEVER USE FLAP DISCS AT SPEEDS IN EXCESS OF 80m/s.

Do not use wet or in any coolant or oil.

Use in accordance to ANSI B7.1.



Diameter	Maximum Speed rpm	Maximum Speed m/s
100mm	15300	80
115mm	13300	80
125mm	12200	80
150mm	8500	80
178mm	5300	80



Standard Abrasive Descriptions

Diameter	Std Alox Brown
Universal Alox Brown	Brown aluminum oxide Eco cloth
Industrial Alox Brown	Brown aluminum oxide on cloth backing
Universal Zir Blue	Zirconium oxide on cloth backing
Industrial Zir Blue	Industrial zirconium oxide on cloth backing
Jumbo Zir Blue	XXL Industrial zirconium oxide on cloth backing
Professional Zir Blue	High content zirconium on cloth backing
Professional XXL Zir Blue	XXL High content zirconium on cloth backing
Ceramic Orange	Ceramic grain cloth backing with cooling top size



Combinations Available per Size

Diameter	Uni Alox Brown	Ind Alox Brown	Uni Zir Blue	Ind Zir Blue	Jumbo Blue	Pro Zir Blue	Pro XXL Zir Blue	Ceramic Orange
100mm		•		•		•		
115mm	•	•	•	•	•	•	•	•
125mm		•	•	•		•		
150mm		•		•		•		
178mm	•	•	•	•		•		•

Standard Grit Sizes Available

Type	Grit	P24	P36	P40	P60	P80	P120	P150	P240	P320	P400	P600
Universal Alox Brown		•	•	•	•	•	•					
Industrial Alox Brown				•	•	•	•	•	•	•	•	•
Universal Zir Blue				•	•	•	•					
Industrial Zir Blue				•	•	•	•					
Jumbo Zir Blue				•	•	•	•					
Professional Zir Blue				•	•	•	•					
Professional XXL Zir Blue				•	•	•	•					
Ceramic Orange		•			•	•	•					

Extra Lip

Twister 115mm flap disc are all made with an extra lip

Designed with flaps that project farther over the backing pad for extended Flap Disc life when grinding fillet welds and hard to reach angles.

Flaps flex and bend to blend the welds. Once the lip is worn away the Flap Disc can be used as per a standard disc.



Before

After



Normal Flap Disc

Extra Lip Flap Disc

Quick-Loc Mini Flap discs



Type	Grit	P40	P60	P80	P120
50mm Industrial Blue		•	•	•	•
76mm Industrial Blue		•	•	•	•

Diameter	Recommended Speed rpm	Maximum Speed rpm
50mm	12000	14000
76mm	8000	10000

Quick-Loc Coated Discs



Santek Quick-Loc Discs are used for grinding, dressing, deburring, polishing and blending of metal surfaces.

Small and flexible, Quick-Loc discs prove highly effective for stock removal and blending of surfaces in both general and tight spaces.

Available with an option of a plastic male or a female metal, thread button.



Safety



Quick-Loc Discs perform best between 20-30m/s, this giving the optimum balance between stock removal, surface finish, cutting temperature and wheel life.

NB! Excess speed is dangerous and may result in product disintegration, grain shedding and overheating.

NEVER USE QUICK-LOC DISCS AT SPEEDS IN EXCESS OF 40m/s!

Do not use wet or in any coolant or oil.

Use in accordance to ANSI B7.1.

Standard Sizes Available

Diameter	Alox Brown	Zir Blue	Zir Green	SiC Black	Ceramic Orange
30mm	•	•	•	•	
50mm	•	•	•	•	•
75mm	•	•	•	•	•



Disc Holder



Standard Grit Sizes Available

Type	Grit	P36	P60	P80	P120	P150	P240	P320	P400	P600
Alox Brown		•	•	•	•	•	•	•	•	•
Zir Blue		•	•	•	•					
Zir Green		•	•	•	•					
SiC Black		•	•	•	•	•	•	•	•	•
Cer. Orange		•	•	•	•					



Quick-Loc Non-woven Discs



Non-Woven Quick-Loc Discs are used for, light deburring, polishing, decorative finishing and blending of all kinds of surfaces in both general and tight spaces.

Available with an option of a plastic male or a female metal, thread button.



Safety



Quick-Loc Discs perform best between 10-20m/s, this giving the optimum balance between stock removal, surface finish, cutting temperature and wheel life.

NB! Excess speed is dangerous and may result in product disintegration, grain shedding and overheating.

NEVER USE QUICK-LOC DISCS AT SPEEDS IN EXCESS OF 25m/s.

Do not use wet or in any coolant or oil.

Use in accordance to ANSI B7.1.

Diameter	Recommended Speed rpm	Maximum Speed rpm
30mm	7000	10000
50mm	5500	7500
75mm	3800	5000

Disc Holder



Standard Sizes Surface Conditioning

Diameter	V-Fine	Fine	Med	Coarse
30mm	●	●	●	●
50mm	●	●	●	●
75mm	●	●	●	●



Standard Sizes Quick-Strip Disc

Diameter	Coarse
50mm	●
75mm	●



Unitized Discs are available with both Alox and SiC grain.

Available in a Soft, Med and Hard compound.



Standard Sizes Unitized Disc

Diameter	V-Fine	Fine	Med	Coarse
50mm	●	●	●	●
75mm	●	●	●	●

Non-Woven Flap Discs



Non-Woven Flap Discs are used for the deburring, polishing and blending of all kinds of surfaces and welds. Particularly popular for stainless steel applications. Offering a range of satin or mirror finishes.

Santek flap Discs are made in a range of different constructions, offering a choice in flexibility, aggression, hardness and cutting action.

Safety



Non-Woven Flap Discs perform best between 15-50m/s, this giving the optimum balance between stock removal, surface finish, cutting temperature and life.

NB! Excess speed is dangerous and may result in the disc disintegration, flaps pulling out, grain shedding and overheating.

NEVER USE FLAP DISCS AT SPEEDS IN EXCESS OF 60m/s.

Do not use wet or in any coolant or oil.

Use in accordance to ANSI B7.1.

Diameter	Recommended Speed rpm	Maximum Speed rpm
* 115mm SC	5000	7000
* 178mm SC	2500	5000
Δ 115mm	2400	5300
Δ 178mm	1600	3300

Standard Sizes Surface Conditioning *

Diameter	V-Fine	Fine	Med	Coarse
115mm	•	•	•	•
178mm	•	•	•	•

Standard Sizes Non-Woven Interleaved Δ

Diameter	V-Fine P240	Fine P180	Med P120	Coarse P80
115mm	•	•	•	•
178mm	•	•	•	•

Standard Sizes Deburring Unitized Δ

Diameter	V-Fine	Fine	Med	Coarse
115mm	•	•	•	•
178mm	•	•	•	•



Standard Sizes Non-Woven Fleece Δ

Diameter	V-Fine	Fine	Med	Coarse
115mm	•	•	•	•
178mm	•	•	•	•



Standard Sizes Quick-Strip *

Diameter	Coarse P80
115mm	•
178mm	•



Unitized Discs are available with both Alox and SiC. Available in a Soft, Med and Hard compound.

Non-Woven Unitized Wheels



Non-Woven Unitize wheels are punched out of a grain impregnated compressed fiber slab.

Available in different grit sizes, grit types as well as different densities.

Used in light deburring and polishing applications on both stationary and hand held machines.



Safety



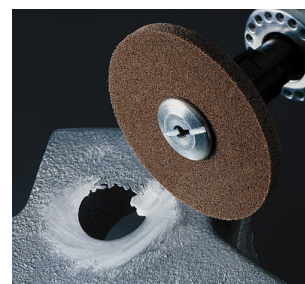
Non-Woven Unitized Wheels perform best between 15-30m/s, this giving the optimum balance between stock removal, surface finish, cutting temperature and life.

NB! Excess speed is dangerous and may result in disintegration, shedding and overheating.

NEVER USE FLAP DISCS AT SPEEDS IN EXCESS OF 35m/s.

Do not use wet or in any coolant or oil.

Use in accordance to ANSI B7.1.



Standard Grit sizes and Densities

Grit Size	Density	Soft 3	Med 5	Med/Hard 7	Hard 9
Coarse		●	●	●	●
Medium		●	●	●	●
Fine		●	●	●	●
Very Fine		●	●	●	●

Standard Sizes

Diameter	Width	Bore
50	3.2	6.3
50	6.3	6.3
76	6.3	6.3/9.6
76	12.7	6.3/9.6
150	12.7	25
150	25	25
150	50	25



Flutter Disc Mandrels

Mandrels are available for the 115x10 to be used in a hand tool



Non-Woven Convolute Wheels



Non-Woven Convolute wheels are made from resin impregnated compressed fleece fiber.

Available in different grit sizes and grit types.

Used in light deburring and polishing applications on both stationary and hand held machines.



Safety



Non-Woven Unitized Wheels perform best between 15-30m/s, this giving the optimum balance between stock removal, surface finish, cutting temperature and life.

NB! Excess speed is dangerous and may result in disintegration, shedding and overheating.

NEVER USE FLAP DISCS AT SPEEDS IN EXCESS OF 35m/s.

Do not use wet or in any coolant or oil.

Use in accordance to ANSI B7.1.

Diameter	Recommended Speed rpm	Maximum Speed rpm
100mm	3000	5000
150mm	2000	4000
200mm	1500	3000
250mm	1200	2300

Standard Sizes

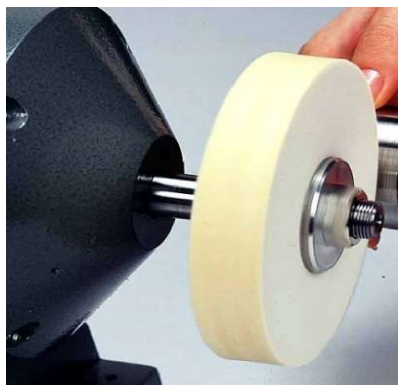
Diameter	Width	Bore
150	25	25/50
150	50	25/50
200	50	76
300	50	127
300	100	127

Standard Grit Sizes

Diameter	Fine	Med	Coarse
Alox	•	•	•
SiC	•	•	•



Felt Polishing Products



Felt is assembled into various different finished products to be used to achieve a high gloss buffed finish.

Used in conjunction with either liquid or solid polishing compounds felt products can be used on a variety of materials.

Polishing compounds should be selected based on the desired finish and the type of material being polished.

Safety



Felt polishing products perform best between 10-20m/s, this giving the optimum balance between , surface finish, temperature and product life.

NB! Excess speed is dangerous and may result in disintegration and overheating.

NEVER USE FLAP DISCS AT SPEEDS IN EXCESS OF 25m/s.

Do not use wet or in any coolant or oil.

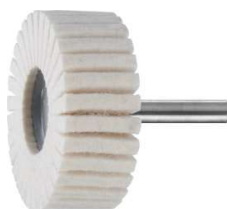
Use in accordance to ANSI B7.1.

Spindle Mounted Flap Wheel

Diameter	Width	Pin
40	20	6
40	30	6
50	30	6
80	40	6
80	50	6

Felt Flap Discs

Diameter	Felt Width	Type
115	3mm	Flat
115	6mm	Flat
115	3mm	Flap



Felt Flap Wheel

Diameter	Width	Pin
150	25	Y80xH25 or H40
150	50	Y80xH25 or H40
200	25	Y100xH25/ Y125xH67
200	50	Y100xH25/ Y125xH67
250	50	Y125xH67

Felt Discs

Diameter	Width	Pin
50	6	6
50	12	6
75	6	10
75	12	10
100	12	12
150	12	25
200	12	25

Felt Quick-Loc Discs

Diameter	Felt Width	Type
50	6mm	PM or MF
75	6mm	PM or MF

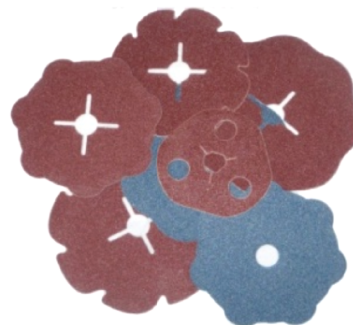
Resin Fiber Discs



Resin Fiber Discs are used for grinding, dressing, deburring, polishing and blending of all kinds of surfaces and welds.

Not only do we supply standard round Resin Fiber discs but we are also able to press them out into a range of specialized shapes.

Octagonal
Rosette
Clove
Rose
AVO (Always Visible Operation)



Safety



Flap Discs perform best between 50-80m/s, this giving the optimum balance between stock removal, surface finish, cutting temperature and life.

NB! Excess speed is dangerous and may result in the disc disintegration, grain shedding and overheating.

NEVER USE FLAP DISCS AT SPEEDS IN EXCESS OF 80m/s.

Do not use wet or in any coolant or oil.

Use in accordance to ANSI B7.1.

Diameter	Maximum Speed rpm	Maximum Speed m/s
100mm	15300	80
115mm	13300	80
125mm	12200	80
150mm	8500	80
178mm	5300	80

Standard Abrasive Descriptions

Diameter	Std Alox Brown
Alox Brown	Brown Disc. Aluminum Oxide
Zir Blue	Blue Disc. Zirconium
Std Zir Green	Green Disc. Zirconium with cooling Top Size
Std Ceramic Orange	Orange Disc. Ceramic with colling Top Size



Combinations Available per Size

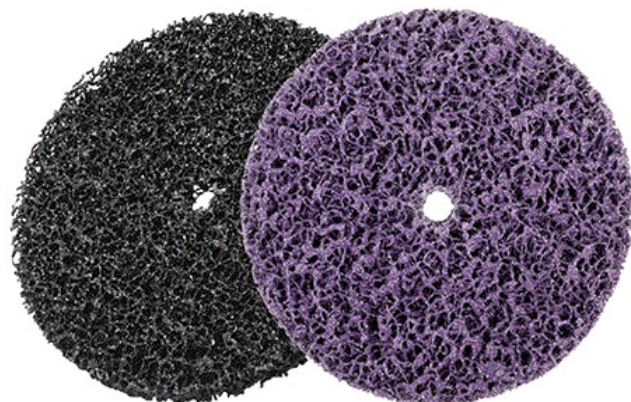
Diameter	Standard Round	Octagonal	Rosette	Clove	Rose	AVO
100mm	●					
115mm	●					●
125mm	●					
150mm	●	●		●		
178mm	●	●	●		●	●

Fiber Disc Backing Pads

All Std sizes available



Non-Woven Quick-Strip Discs



Non-Woven Quick-Strip discs are used to clean, strip rust, paint or carbon from a wide range of surfaces.



Safety



Flap Discs perform best between 50-80m/s, this giving the optimum balance between stock removal, surface finish, cutting temperature and life.

NB! Excess speed is dangerous and may result in the disc disintegration, grain shedding and overheating.

NEVER USE FLAP DISCS AT SPEEDS IN EXCESS OF 80m/s.

Do not use wet or in any coolant or oil.

Use in accordance to ANSI B7.1.

Diameter	Maximum Speed rpm	Maximum Speed m/s
50mm	7600	15000
75mm	5100	10000
100mm	3800	7500
150mm	2500	5100
180mm	5000	4800

Standard Sizes

Size	Hole	Velcro	Black	Purple
50mm	●		●	●
75mm	●		●	●
100mm	●		●	●
150mm	●		●	●
180mm		●	●	●



Velcro Loop Disc



Disc Mandrels

Mandrels are available to be used in a hand tool



Mini Spindle Wheel



For Quick-Strip Flap Disc and Quick-Loc disc please refer to Pg 32 and Pg 31 respectively

Industrial Cutting and Grinding Discs

Safety



Cutting and grinding wheels perform best between 50-80m/s, this giving the optimum balance between stock removal, surface finish, cutting temperature and life.

NB! Excess speed is dangerous and may result in the wheel disintegration or breakage.

Never grind with a cutting disc!

Improper use can cause serious injury or death.

NEVER USE wheels AT SPEEDS IN EXCESS OF 80m/s.

Do not use wet or in any coolant or oil.

Use in accordance to ANSI B7.1.

Please contact Santek for additional safety information.



Twister Industrial cutting and grinding discs are produced using non-contaminating raw materials and have a very low content of elements such as Fe. The full Metal range are therefore non contaminating and suitable for use in INOX applications.

Cutting Discs



Diameter	Width	Centre	Max Speed	Application
50	1mm	10	80m/s	Inox/Metal
76	1mm	10	80m/s	Inox/Metal
115	1mm	22.2	80m/s	Inox/Metal
115	2.5mm	22.23	80m/s	Inox/Metal
125	1mm	22.23	80m/s	Inox/Metal
230	1.8mm	22.23	80m/s	Inox/Metal
230	3mm	22.23	80m/s	Inox/Metal
350	3mm	25	80m/s	Inox/Metal



Grinding Discs

Diameter	Width	Centre	Max Speed	Application
115	6.5mm	22.23	80m/s	Inox/Metal
230	7mm	22.23	80m/s	Inox/Metal
115	7mm	22.23	80m/s	Masonry
230	7mm	22.23	80m/s	Masonry



- Do not use without wearing the appropriate safety clothing and eye protection.
- Do not use arbor bushings other than those supplied by the wheel manufacturer.
- Do not alter or remove the machine's wheel guard.
- Do not use wheels that have been dropped or otherwise damaged.
- Do not use abrupt or excessive pressure while cutting.
- Do not cut wood or other non-approved materials with an abrasive cut-off wheel.
- Do not use the side of a cut-off wheel.
- Do not allow the wheel to bend or twist while cutting.
- Do not set down the grinder with it leaning on the cut-off wheel.
- Do not use the wheel if you have not reviewed all of the safety materials and have not been properly trained in the use of the tool and wheel.
- Do not allow the work piece to clamp or pinch the disc.



Abrasive Bristle Brushes

Safety



Flap wheels perform best between 15-20m/s, this giving the optimum balance between stock removal, surface finish, cutting temperature and wheel life.

NB! Excess speed is dangerous and may result in wheel disintegration, flaps pulling out, grain shedding and overheating.

NEVER USE FLAP WHEELS AT SPEEDS IN EXCESS OF 40m/s!

Do not use wet or in any coolant or oil. Flap wheels are direction sensitive.

Use in accordance to ANSI B7.1.

Abrasive Bristle brushes are use for med and light cleaning and deburing, in applications where excessive stock removal needs to be avoided. Good for imperfect surfaces and hard to reach spaces.

Available in a range of sizes, grit sizes, grain types and bristle thicknesses.

