

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

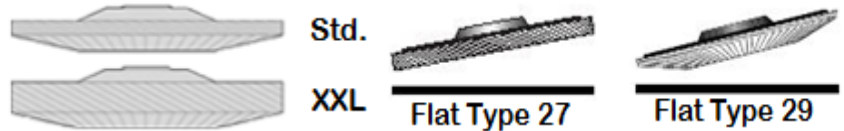
Flap Discs perform best between 50-80m/s, this giving the optimum balance between stock removal, surface finish, cutting temperature and life.

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
Std Alox Brown	Brown aluminum oxide on cloth backing
Std Zir Blue	General purpose zirconium aluminum oxide on cloth backing
Pro Zir Blue	High content zirconium on poly/cotton backing
Std Zir Green	Zirconium on poly/cotton backing with cooling top size
Std Ceramic Orange	Ceramic grain poly/cotton backing with cooling top size



Combinations Available per Size



Diameter	Std Alox Brown	Std Zir Blue	Pro Zir Blue	Pro XXL Zir Blue	Std Zir Green	Ceramic Orange
100mm	●	●	●			
115mm	●	●	●	●	●	●
125mm	●	●				
150mm	●	●				
178mm	●	●	●		●	●

Standard Grit Sizes Available

Type	Grit	P24	P36	P40	P60	P80	P120	P150	P240	P320	P400	P600
Std Alox Brown				●	●	●	●	●	●	●	●	●
Std Zir Blue		●	●	●	●	●	●					
Pro Zir Blue				●	●	●	●					
XXL Zir Blue				●	●	●	●					
Std Zir Green			●		●	●	●					
Std Ceramic Orange			●		●	●						

Extra Lip Flap Disc

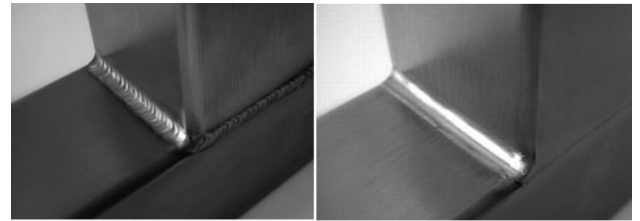
Available in 115 and 178 Pro Blue

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.



Normal Flap Disc

Extra Lip Flap Disc



Before

After



Standard Grit Sizes Available

Type	Grit	P40	P60	P80	P120
115 Pro Blue Extra Lip Flap Disc		●	●	●	●
178 Pro Blue Extra Lip Flap Disc		●	●	●	●

Quick-Loc Mini Flap Disc



Standard Grit sizes

Type	Grit	P40	P60	P80	P120
75mm Brown Flap Disc		●	●	●	●
75mm Blue Flap Disc		●	●	●	●

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

