

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



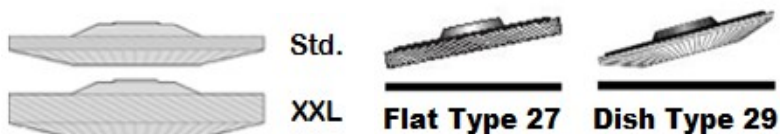
Flap Discs perform best between 50-80m/s, this giving the optimum balance between stock removal, surface finish, cutting temperature and life.

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
Std 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

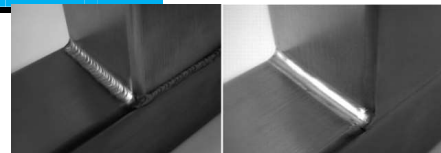
Type	Grit	P24	P36	P40	P60	P80	P120	P150	P240	P320	P400	P600
Universal Alox Brown		•	•	•	•	•	•					
Industrial Alox Brown				•	•	•	•	•	•	•	•	•
Universal Zir Blue				•	•	•	•					
Industrial Zir Blue				•	•	•	•					
Jumbo Zir Blue				•	•	•	•					
Professional Zir Blue				•	•	•	•					
Professional XXL Zir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