

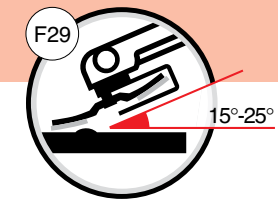
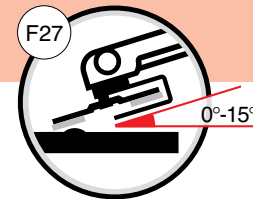
Coated abrasives are produced in three quality classes: STANDARD, EXTRA and SPECIAL.

Flap discs are intended for grinding with the use of manual grinding machines at a maximum peripheral speed of 80 m/s. They are distinguished by high durability, low noise levels, smoother grinding, simple use and high grinding efficiency. They can be used for basic grinding, fine grinding of welds, polishing, finishing of edges, surface treatment, cleaning of alloys, etc.

When switching to another material (metal, wood, plastics) disk quality need not be changed, since the difference in their grinding effects may only be noticed after a longer period of use.

**A** type discs, which are manufactured of emery cloth coated with aluminium oxide grains, should be used to finish aluminium, coloured metals, softer alloys, low-alloy steel, plastics and wood, while **Z** type discs, which are made of emery cloth coated with zirconium Al oxide grains are intended for the surface treatment of alloys, tough coloured metals and high-alloy, heat-resistant, thermally treated steel.

The grinding effect of flat **F27** discs on flat surfaces is greater than that of depressed-centre **F29** discs, irrespective of the size of the abrasive grains.





## MARKINGS ON WHEEL LABELS



## WARNINGS FOR SAFE USE



Please read the instructions carefully.



Use a safety shield or protective eyewear.  
Use ear protection.  
Use a dust mask.



Use protective gloves.



Standard flap discs are intended for general grinding applications, primarily on structural steel, alloys and colour metals. They are designed to achieve the optimal ratio of grinding effect versus flap disc price.

SKORPIO  
3STARS

Name	Quality class	Abrasive grain	Construction steel	Alloy stainless steel	Stainless steel	Alloy	Colour metals
<b>LBD</b>	STANDARD	<b>A</b>	●	○		●	●

● - Main application  
○ - Possible application



Shape	Dimensions D x H mm	Peripheral speed m/s	Rpm 1/min	Packaging (units)	Grit size / Subscriber numbers				
					40	60	80	100	120
F 27	100 x 16	80	15.300	25	01.201	01.202	01.203	01.204	01.205
F 29	100 x 16		15.300		01.206	01.207	01.208	01.209	01.210
F 27	115 x 22.23		13.300		01.211	01.212	01.213	01.214	01.215
F 29	115 x 22.23		13.300		01.216	01.217	01.218	01.219	01.220
F 27	125 x 22.23		12.200		01.221	01.222	01.223	01.224	01.225
F 29	125 x 22.23		12.200		01.226	01.227	01.228	01.229	01.230
F 27	150 x 22.23		10.200		01.231	01.232	01.233	01.234	01.235
F 29	150 x 22.23		10.200		01.236	01.237	01.238	01.239	01.240
F 27	165 x 22.23		9.300		01.241	01.242	01.243	01.244	01.245
F 29	165 x 22.23		9.300		01.246	01.247	01.248	01.249	01.250
F 27	180 x 22.23		8.500		01.251	01.252	01.253	01.254	01.255
F 29	180 x 22.23		8.500		01.256	01.257	01.258	01.259	01.260



# FLAP DISCS

Diameters 100–180 mm





SKORPIO  
3STARS

Name	Quality class	Abrasive grain	Construction steel	Alloy stainless steel	Stainless steel	Alloy	Colour metals
<b>LBD</b>	STANDARD	<b>Z</b>	●	●	●	●	

● - Main application  
○ - Possible application



Shape	Dimensions D x H mm	Peripheral speed m/s	Rpm 1/min	Packaging (units)	Grit size / Subscriber numbers				
					40	60	80	100	120
F 27 	100 x 16	80	15.300	25	01.301	01.302	01.303	01.304	01.305
F 29 	100 x 16		15.300		01.306	01.307	01.308	01.309	01.310
F 27	115 x 22		13.300		01.311	01.312	01.313	01.314	01.315
F 29	115 x 22.23		13.300		01.316	01.317	01.318	01.319	01.320
F 27	125 x 22.23		12.200		01.321	01.322	01.323	01.324	01.325
F 29	125 x 22.23		12.200		01.326	01.327	01.328	01.329	01.330
F 27	150 x 22.23		10.200		01.331	01.332	01.333	01.334	01.335
F 29	150 x 22.23		10.200		01.336	01.337	01.338	01.339	01.340
F 27	165 x 22.23		9.300		01.341	01.342	01.343	01.344	01.345
F 29	165 x 22.23		9.300		01.346	01.347	01.348	01.349	01.350
F 27	180 x 22.23		8.500		01.351	01.352	01.353	01.354	01.355
F 29	180 x 22.23		8.500		01.356	01.357	01.358	01.359	01.360







The EXTRA flap discs are intended for professional applications in all branches of industry in which flap discs are used as important grinding tools. With the correct choice of the diameter, shape and grain size, as well as the machine, they reach excellent grinding results.

## SKORPIO TOP

Name	Quality class	Abrasive grain	Construction steel	Alloy stainless steel	Stainless steel	Alloy	Colour metals
<b>LBD</b>	EXTRA	<b>A</b>	●	○		●	●

● - Main application  
○ - Possible application



Shape	Dimensions D x H mm	Peripheral speed m/s	Rpm 1/min	Packaging (units)	Grit size / Subscriber numbers				
					40	60	80	100	120
F 27 	100 x 16	80	15.300	25	01.401	01.402	01.403	01.404	01.405
F 29 	100 x 16		15.300		01.406	01.407	01.408	01.409	01.410
F 27	115 x 22.23		13.300		01.411	01.412	01.413	01.414	01.415
F 29	115 x 22.23		13.300		01.416	01.417	01.418	01.419	01.420
F 27	125 x 22.23		12.200		01.421	01.422	01.423	01.424	01.425
F 29	125 x 22.23		12.200		01.426	01.427	01.428	01.429	01.430
F 27	150 x 22.23		10.200		01.431	01.432	01.433	01.434	01.435
F 29	150 x 22.23		10.200		01.436	01.437	01.438	01.439	01.440
F 27	165 x 22.23		9.300		01.441	01.442	01.443	01.444	01.445
F 29	165 x 22.23		9.300		01.446	01.447	01.448	01.449	01.450
F 27	180 x 22.23		8.500		01.451	01.452	01.453	01.454	01.455
F 29	180 x 22.23		8.500		01.456	01.457	01.458	01.459	01.460



# FLAP DISCS

Diameters 100-180 mm





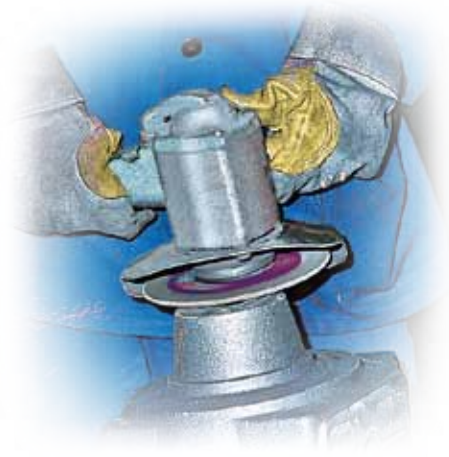
## SKORPIO TOP

Name	Quality class	Abrasive grain	Construction steel	Alloy stainless steel	Stainless steel	Alloy	Colour metals
<b>LBD</b>	EXTRA	<b>Z</b>	●	●	●	●	

● - Main application  
○ - Possible application



Shape	Dimensions D x H mm	Peripheral speed m/s	Rpm 1/min	Packaging (units)	Grit size / Subscriber numbers				
					40	60	80	100	120
F 27 	100 x 16	80	15.300	25	01.501	01.502	01.503	01.504	01.505
F 29 	100 x 16		15.300		01.506	01.507	01.508	01.509	01.510
F 27	115 x 22.23		13.300		01.511	01.512	01.513	01.514	01.515
F 29	115 x 22.23		13.300		01.516	01.517	01.518	01.519	01.520
F 27	125 x 22.23		12.200		01.521	01.522	01.523	01.524	01.525
F 29	125 x 22.23		12.200		01.526	01.527	01.528	01.529	01.530
F 27	150 x 22.23		10.200		01.531	01.532	01.533	01.534	01.535
F 29	150 x 22.23		10.200		01.536	01.537	01.538	01.539	01.540
F 27	165 x 22.23		9.300		01.541	01.542	01.543	01.544	01.545
F 29	165 x 22.23		9.300		01.546	01.547	01.548	01.549	01.550
F 27	180 x 22.23		8.500		01.551	01.552	01.553	01.554	01.555
F 29	180 x 22.23		8.500		01.556	01.557	01.558	01.559	01.560







The PROFI GREEN LINE flap discs are intended for extreme grinding conditions. With the correct choice of the diameter, shape and grit size, as well as the machine, they reach excellent grinding results. The base allows for work under extreme conditions and its material does not become overheated during grinding.

## PROFI GREEN LINE

Name	Quality class	Abrasive grain	Construction steel	Alloy stainless steel	Stainless steel	Alloy	Colour metals
<b>LBD</b>	EXTRA	<b>Z</b>	●	●	●	●	○

● - Main application  
○ - Possible application



Shape	Dimensions D x H mm	Peripheral speed		Packaging (units)	Grit size / Subscriber numbers		
		m/s	Rpm 1/min		40	60	80
F27 	115 x 22.23	80	13300	10	01.601	01.602	01.603
F29 	115 x 22.23		13300		01.604	01.605	01.606
F27	125 x 22.23		12200		01.607	01.608	01.609
F29	125 x 22.23		12200		01.610	01.611	01.612
F27	180 x 22.23		8500		01.613	01.614	01.615
F29	180 x 22.23		8500		01.616	01.617	01.618





# FLAP DISCS

Diameters 115 – 180 mm



The SKORPIO CERAMIC flap discs are suitable for high speeds and high grinding pressures. They enable quick grinding, exceptional material removal rates primarily when working with harder materials, and uniform surface roughness due to continuous self-sharpening of the abrasive grit and the use of active cooling additives.

## SKORPIO CERAMIC

Name	Quality class	Abrasive grain	Construction steel	Alloy stainless steel	Stainless steel	Alloy	Colour metals
<b>LBD</b>	EXTRA	<b>SG</b>	●	●	●	●	○

● - Main application  
○ - Possible application



Shape	Dimensions D x H mm	Peripheral speed m/s	Rpm 1/min	Packaging (units)	Grit size / Subscriber numbers				
					36	40	60	80	120
F29	115 x 22.23	80	13300	10	01.701	01.702	01.703	01.704	01.705
F29	125 x 22.23		12200		01.706	01.707	01.708	01.709	01.710
F29	180 x 22.23		8500		01.711	01.712	01.713	01.714	01.715

### Uniform Surface Roughness:

- Optimal grain distribution across the base, with active additives;
- Continuous self-sharpening of grains during the grinding process.

### Long tool life:

- Good adherence of grains to the polyester base;
- Active additives;
- High grain aggressiveness.

