

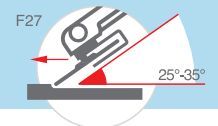
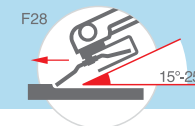
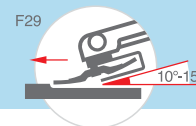
Grinding wheels are produced in three quality classes and in types F27, F27-GR and F28.

The EXTRA grinding wheels are intended for industry applications which require large material removal rates per time unit and a high grinding factor.

For the most demanding industry applications that involve machining of various materials, Swatycomet produces grinding wheels for specific applications called SPECIAL, which also contain zirconium.

In order to achieve optimum grinding effects, ALWAYS observe the prescribed angle between the grinding wheel and the workpiece.

ALWAYS maintain the prescribed angle between the grinding wheel and the workpiece!







STRAIGHT GRINDING WHEELS

Diameters 50–100 mm



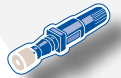
The F1-AF grinding wheels are intended for cleaning cast and forged pieces using flat, manual grinding machines. They are distinguished by optimal material removal rates and appropriate durability without workpiece overheating.

SKORPIO		
Quality	Material	Quality class
A24S-BF	Metals, steels	Standard
15A30R-BF	Metals, steels	Standard
 20A24R-BF	Stainless steel	Standard
ZA24R-BF	Alloys	Special

Type	Dimensions D x T x H mm	Peripheral		Packaging (units)
		speed m/s	Rpm 1/min	
F1-AF 	50 x 4 x H	80	30600	25
F1-AF	50 x 6 x H		30600	
F1-AF	50 x 10 x H		30600	
F1-AF	50 x 12 x H		30600	
F1-AF	60 x 4 x H		25500	
F1-AF	60 x 6 x H		25500	
F1-AF	60 x 10 x H		25500	
F1-AF	60 x 12 x H		25500	
F1-AF	65 x 6 x H1		23500	
F1-AF	65 x 10 x H1		23500	
F1-AF	65 x 12 x H1		23500	
F1-AF	70 x 6 x H1		21800	
F1-AF	70 x 10 x H1		21800	
F1-AF	70 x 12 x H1		21800	
F1-AF	76 x 6 x H1		20100	
F1-AF	76 x 10 x H1		20100	
F1-AF	76 x 12 x H1		20100	
F1-AF	80 x 4 x H1		19100	
F1-AF	80 x 6 x H1		19100	
F1-AF	80 x 10 x H1		19100	
F1-AF	80 x 12 x H1	19100		
F1-AF	100 x 6 x H2	15300		
F1-AF	100 x 10 x H2	15300		
F1-AF	100 x 12 x H2	15300		

mm

H	6	10	
H1	6	10	12
H2		10	12 20



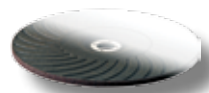


The STANDARD grinding wheels are intended for grinding and cleaning of welds, casts and forged pieces.

SKORPIO	3STARS FLEX	Material	Quality class
FLEXCO			
TOROFLEX			
Quality	Quality		
A24Q-BF	A30PBF	Steel, metals	Standard
A30S-BF	A30SBF	Steel, metals	Standard
20A30P-BF	4A30QBF	Stainless steel, steel	Standard
19A30S-BF	A30PBF, A30QBF	Grey cast, aluminium	Standard
C30S-BF	C30PBF	Stone, concrete	Standard



Type	Dimensions D x T x H mm	Peripheral speed m/s	Rpm 1/min	Packaging (units)
F27	100 x 4 x 16	80	15300	10
F27	100 x 6 x 16		15300	
F27	100 x 7 x 16		15300	
F27	115 x 4 x 22.23		13300	
F27	115 x 6 x 22.23		13300	
F27	115 x 7 x 22.23		13300	
F27	115 x 8 x 22.23		13300	
F27	125 x 4 x 22.23		12250	
F27	125 x 6 x 22.23		12250	
F27	125 x 7 x 22.23		12250	
F27	125 x 8 x 22.23		12250	
F27	150 x 4 x 22.23		10200	
F27	150 x 6 x 22.23		10200	
F27	150 x 7 x 22.23		10200	
F27	150 x 8 x 22.23		10200	
F27	180 x 4 x 22.23		8500	
F27	180 x 6 x 22.23		8500	
F27	180 x 7 x 22.23		8500	
F27 (F28)	180 x 8 x 22.23		8500	
F27	180 x 10 x 22.23		8500	
F27	230 x 4 x 22.23		6650	
F27	230 x 6 x 22.23		6650	
F27	230 x 7 x 22.23		6650	
F27 (F28)	230 x 8 x 22.23		6650	
F27	230 x 10 x 22.23		6650	



On customer request, grinding wheels can also be produced as type F27-GR.




GRINDING WHEELS

Diameters 100–230 mm


SKORPIO EXTRA
3STARS PROFESSIONAL
PRODIMENSION



The EXTRA grinding wheels are intended for professional use in industry whenever large material removal rates per time unit and a high grinding effects are required.

Quality	Material	Quality class
EA24R-BF	Steel, metals	Extra
 E20A24R-BF	Stainless steel, steel	Extra
E54A30R-BF	Aluminium, alloys	Extra



Type	Dimensions D x T x H mm	Peripheral speed m/s	Rpm 1/min	Packaging (units)
F27 	100 x 4 x 16	80	15300	10
F27	100 x 7 x 16		15300	
F27	115 x 4 x 22,23		13300	
F27	115 x 7 x 22,23		13300	
F27	115 x 8 x 22,23		13300	
F27	125 x 4 x 22,23		12250	
F27	125 x 7 x 22,23		12250	
F27	125 x 8 x 22,23		12250	
F27	150 x 4 x 22,23		10200	
F27	150 x 7 x 22,23		10200	
F27	150 x 8 x 22,23		10200	
F27	180 x 4 x 22,23		8500	
F27	180 x 7 x 22,23		8500	
F27	180 x 8 x 22,23		8500	
F27	230 x 4 x 22,23		6650	
F27	230 x 7 x 22,23		6650	
F27	230 x 8 x 22,23		6650	





The SPECIAL grinding wheels are manufactured for specific industrial applications.

They are distinguished by:

- high level of quality
- high durability
- no fly-offs during grinding
- exceptional grinding properties
- aggressive material removal
- compliance with EN12413, OSA , FEPA



On customer request, grinding wheels can also be produced as type F27-GR in F1-AF.



We also manufacture double layer grinding wheels with a thickness (T) of 7 mm.

SKORPIO SPECIAL 3STARS SPECIAL

Quality	Material	Quality class	Abrasive grain
ZA24R-BF	Steel, stainless steel, alloys	Special	ZA
ZA24S-BF	Steel, stainless steel, alloys	Special	ZA
EZA24S-BF	Steel, stainless steel, alloys	Special	ZA + Ceramic grain



Type	Dimensions D x T x H mm	Peripheral speed		Packaging (units)
		m/s	Rpm 1/min	
F27	100 x 4 x 16	80	15300	10
F27	100 x 7 x 16		15300	
F27	115 x 4 x 22.23		13300	
F27	115 x 7 x 22.23		13300	
F27	125 x 4 x 22.23		12250	
F27	125 x 7 x 22.23		12250	
F27	150 x 4 x 22.23		10200	
F27	150 x 7 x 22.23		10200	
F27	180 x 4 x 22.23		8500	
F27	180 x 7 x 22.23		8500	
F27 (F28)	180 x 8 x 22.23		8500	
F27	180 x 10 x 22.23		8500	
F27	230 x 4 x 22.23		6650	
F27	230 x 7 x 22.23		6650	
F27 (F28)	230 x 8 x 22.23		6650	
F27	230 x 10 x 22.23		6650	




SEMI-FLEXIBLE GRINDING WHEELS

Diameters 100–180 mm



Semi-flexible grinding wheels are intended for general cleaning of large surface areas. They are produced in grit sizes between 24 and 100, to be used for coarse, medium or fine grinding.

SKORPIO
3STARS FLEX

Quality	Material	Quality class
A24 - A100	Steel	Standard
 20A24 - 20A100	Stainless steel	Standard
19A24 - 19A100	Grey cast	Standard
C24 - C100	Stone, concrete, marble	Standard



Type	Dimensions D x T x H mm	Peripheral speed		Packaging (units)
		m/s	Rpm 1/min	
F29	100 x 3.5 x 22.23	80	15300	25
F29	115 x 3.5 x 22.23		13300	
F29	125 x 3.5 x 22.23		12200	
F29	150 x 3.5 x 22.23		10200	
F29	180 x 3.5 x 22.23		8500	

