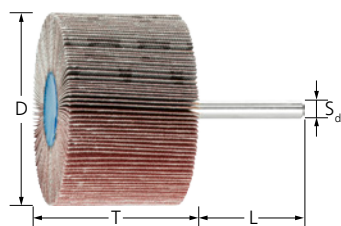


Flap tools

Mounted flap wheels F



Aluminium oxide A version

The flaps made of coated abrasive are arranged radially around the axis in a fan-type structure. For general applications from coarse to fine grinding.



Special features:

- Highly flexible, enabling optimal adjustment to the contour.
- Consistently high stock removal rate over the entire tool life as new, aggressive abrasive is constantly exposed.
- Can be used face-down very close to edges and in corners thanks to the flat, moulded-core design.

S _d [mm]	L [mm]	D [mm]	T [mm]	Abrasive	Grit size	Opt. RPM	Max. RPM		Item no.	Designation
3	40	10	10	A	60	38,000	75,000	10	44400002	F 1010/3 A 60
					80	38,000	75,000	10	44400003	F 1010/3 A 80
					120	38,000	75,000	10	44400004	F 1010/3 A 120
					150	38,000	75,000	10	44400005	F 1010/3 A 150
					180	38,000	75,000	10	44400006	F 1010/3 A 180
					320	38,000	75,000	10	44400008	F 1010/3 A 320
			15	A	60	38,000	75,000	10	44400012	F 1015/3 A 60
					80	38,000	75,000	10	44400013	F 1015/3 A 80
					120	38,000	75,000	10	44400014	F 1015/3 A 120
					150	38,000	75,000	10	44400015	F 1015/3 A 150
					180	38,000	75,000	10	44400016	F 1015/3 A 180
					320	38,000	75,000	10	44400018	F 1015/3 A 320
		15	5	A	60	25,000	50,000	10	44400022	F 1505/3 A 60
					80	25,000	50,000	10	44400023	F 1505/3 A 80
					120	25,000	50,000	10	44400024	F 1505/3 A 120
					150	25,000	50,000	10	44400025	F 1505/3 A 150
					180	25,000	50,000	10	44400026	F 1505/3 A 180
					320	25,000	50,000	10	44400028	F 1505/3 A 320
			10	A	60	25,000	50,000	10	44400032	F 1510/3 A 60
					80	25,000	50,000	10	44400033	F 1510/3 A 80
					120	25,000	50,000	10	44400034	F 1510/3 A 120
					150	25,000	50,000	10	44400035	F 1510/3 A 150
					180	25,000	50,000	10	44400036	F 1510/3 A 180
					320	25,000	50,000	10	44400038	F 1510/3 A 320
			15	A	60	25,000	50,000	10	44400042	F 1515/3 A 60
					80	25,000	50,000	10	44400043	F 1515/3 A 80
					120	25,000	50,000	10	44400044	F 1515/3 A 120
					150	25,000	50,000	10	44400045	F 1515/3 A 150
					180	25,000	50,000	10	44400046	F 1515/3 A 180
					320	25,000	50,000	10	44400048	F 1515/3 A 320
		20	10	A	80	19,000	38,100	10	47801206	F 2010/3 A 80
					120	19,000	38,100	10	44400123	F 2010/3 A 120
					150	19,000	38,100	10	44400153	F 2010/3 A 150
					180	19,000	38,100	10	44400183	F 2010/3 A 180
					240	19,000	38,100	10	47801527	F 2010/3 A 240
					320	19,000	38,100	10	47801528	F 2010/3 A 320
		30	5	A	60	12,000	25,400	10	44401063	F 3005/3 A 60
					80	12,000	25,400	10	44401083	F 3005/3 A 80
					120	12,000	25,400	10	44401123	F 3005/3 A 120
					150	12,000	25,400	10	44401153	F 3005/3 A 150
					180	12,000	25,400	10	44401183	F 3005/3 A 180

Continued on next page



Flap tools

Mounted flap wheels F



S _d [mm]	L [mm]	D [mm]	T [mm]	Abrasive	Grit size	Opt. RPM	Max. RPM		Item no.	Designation
3	40	30	5	A	240	12,000	25,400	10	44401243	F 3005/3 A 240
					320	12,000	25,400	10	44401323	F 3005/3 A 320
			10	A	60	12,000	25,400	10	44402063	F 3010/3 A 60
					80	12,000	25,400	10	44402083	F 3010/3 A 80
					120	12,000	25,400	10	44402123	F 3010/3 A 120
					150	12,000	25,400	10	44402153	F 3010/3 A 150
					180	12,000	25,400	10	44402183	F 3010/3 A 180
					240	12,000	25,400	10	44402243	F 3010/3 A 240
					320	12,000	25,400	10	44402323	F 3010/3 A 320
6	40	20	10	A	60	19,000	38,100	10	47801067	F 2010/6 A 60
					80	19,000	38,100	10	44400086	F 2010/6 A 80
					120	19,000	38,100	10	44400126	F 2010/6 A 120
					150	19,000	38,100	10	44400156	F 2010/6 A 150
					180	19,000	38,100	10	44400186	F 2010/6 A 180
		25	10	A	80	15,000	30,500	10	44405086	F 2510/6 A 80
					120	15,000	30,500	10	44405126	F 2510/6 A 120
					180	15,000	30,500	10	44405186	F 2510/6 A 180
			15	A	40	15,000	30,500	10	47801544	F 2515/6 A 40
					80	15,000	30,500	10	44406086	F 2515/6 A 80
					120	15,000	30,500	10	44406126	F 2515/6 A 120
					150	15,000	30,500	10	44406156	F 2515/6 A 150
					180	15,000	30,500	10	44406186	F 2515/6 A 180
			20	A	80	15,000	30,500	10	44415086	F 2520/6 A 80
					120	15,000	30,500	10	44415126	F 2520/6 A 120
					180	15,000	30,500	10	44415186	F 2520/6 A 180
			25	A	60	15,000	30,500	10	47801818	F 2525/6 A 60
					80	15,000	30,500	10	44410086	F 2525/6 A 80
					120	15,000	30,500	10	44410126	F 2525/6 A 120
					150	15,000	30,500	10	44410156	F 2525/6 A 150
					180	15,000	30,500	10	44410186	F 2525/6 A 180
		30	3	A	80	12,000	25,400	10	44416086	F 3003/6 A 80
					120	12,000	25,400	10	44416126	F 3003/6 A 120
					150	12,000	25,400	10	44416156	F 3003/6 A 150
					180	12,000	25,400	10	44416186	F 3003/6 A 180
					240	12,000	25,400	10	44416246	F 3003/6 A 240
					320	12,000	25,400	10	44416326	F 3003/6 A 320
			5	A	60	12,000	25,400	10	44401066	F 3005/6 A 60
					80	12,000	25,400	10	44401086	F 3005/6 A 80
					120	12,000	25,400	10	44401126	F 3005/6 A 120
					150	12,000	25,400	10	44401156	F 3005/6 A 150
					180	12,000	25,400	10	44401186	F 3005/6 A 180
					240	12,000	25,400	10	44401246	F 3005/6 A 240
			10	A	320	12,000	25,400	10	44401326	F 3005/6 A 320
					60	12,000	25,400	10	44402066	F 3010/6 A 60
					80	12,000	25,400	10	44402086	F 3010/6 A 80
					120	12,000	25,400	10	44402126	F 3010/6 A 120
					150	12,000	25,400	10	44402156	F 3010/6 A 150
					180	12,000	25,400	10	44402186	F 3010/6 A 180
					240	12,000	25,400	10	44402246	F 3010/6 A 240
			15	A	320	12,000	25,400	10	44402326	F 3010/6 A 320
					400	12,000	25,400	10	44402406	F 3010/6 A 400
					40	12,000	25,400	10	47801545	F 3015/6 A 40
					60	12,000	25,400	10	44409066	F 3015/6 A 60
					80	12,000	25,400	10	44409086	F 3015/6 A 80

Continued on next page

Flap tools

Mounted flap wheels F

S _d [mm]	L [mm]	D [mm]	T [mm]	Abrasive	Grit size	Opt. RPM	Max. RPM		Item no.	Designation
6	40	30	15	A	120	12,000	25,400	10	44409126	F 3015/6 A 120
					150	12,000	25,400	10	44409156	F 3015/6 A 150
					180	12,000	25,400	10	44409186	F 3015/6 A 180
					240	12,000	25,400	10	44409246	F 3015/6 A 240
					320	12,000	25,400	10	44409326	F 3015/6 A 320
			20	A	40	12,000	25,400	10	47802247	F 3020/6 A 40
					60	12,000	25,400	10	47802248	F 3020/6 A 60
					150	12,000	25,400	10	47802249	F 3020/6 A 150
					180	12,000	25,400	10	47802250	F 3020/6 A 180
					240	12,000	25,400	10	47802251	F 3020/6 A 240
					320	12,000	25,400	10	47802252	F 3020/6 A 320
			30	A	60	12,000	25,400	10	44411066	F 3030/6 A 60
					80	12,000	25,400	10	44411086	F 3030/6 A 80
					120	12,000	25,400	10	44411126	F 3030/6 A 120
					150	12,000	25,400	10	44411156	F 3030/6 A 150
					180	12,000	25,400	10	44411186	F 3030/6 A 180
					240	12,000	25,400	10	44411246	F 3030/6 A 240
					320	12,000	25,400	10	44411326	F 3030/6 A 320
		40	10	A	60	9,600	19,100	10	44403066	F 4010/6 A 60
					80	9,600	19,100	10	44403086	F 4010/6 A 80
					120	9,600	19,100	10	44403126	F 4010/6 A 120
					150	9,600	19,100	10	44403156	F 4010/6 A 150
					180	9,600	19,100	10	44403186	F 4010/6 A 180
					240	9,600	19,100	10	44403246	F 4010/6 A 240
			15	A	40	9,600	19,100	10	47801215	F 4015/6 A 40
					60	9,600	19,100	10	44404066	F 4015/6 A 60
					80	9,600	19,100	10	44404086	F 4015/6 A 80
					120	9,600	19,100	10	44404126	F 4015/6 A 120
					150	9,600	19,100	10	44404156	F 4015/6 A 150
					180	9,600	19,100	10	44404186	F 4015/6 A 180
					240	9,600	19,100	10	44404246	F 4015/6 A 240
					320	9,600	19,100	10	44404326	F 4015/6 A 320
			20	A	40	9,600	19,100	10	44408046	F 4020/6 A 40
					60	9,600	19,100	10	44408066	F 4020/6 A 60
					80	9,600	19,100	10	44408086	F 4020/6 A 80
					120	9,600	19,100	10	44408126	F 4020/6 A 120
					150	9,600	19,100	10	44408156	F 4020/6 A 150
					180	9,600	19,100	10	44408186	F 4020/6 A 180
					240	9,600	19,100	10	44408246	F 4020/6 A 240
		50	5	A	60	7,000	15,200	10	44418066	F 5005/6 A 60
					80	7,000	15,200	10	44418086	F 5005/6 A 80
					120	7,000	15,200	10	44418126	F 5005/6 A 120
					150	7,000	15,200	10	44418156	F 5005/6 A 150
					180	7,000	15,200	10	44418186	F 5005/6 A 180
					240	7,000	15,200	10	44418246	F 5005/6 A 240
					320	7,000	15,200	10	44418326	F 5005/6 A 320
			10	A	60	7,000	15,200	10	44505066	F 5010/6 A 60
					80	7,000	15,200	10	44505086	F 5010/6 A 80
					120	7,000	15,200	10	44505126	F 5010/6 A 120
					150	7,000	15,200	10	44505156	F 5010/6 A 150
					180	7,000	15,200	10	44505186	F 5010/6 A 180
					240	7,000	15,200	10	44505246	F 5010/6 A 240
					320	7,000	15,200	10	44505326	F 5010/6 A 320
			15	A	40	7,000	15,200	10	47801221	F 5015/6 A 40

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Flap tools

Mounted flap wheels F



S _d [mm]	L [mm]	D [mm]	T [mm]	Abrasive	Grit size	Opt. RPM	Max. RPM		Item no.	Designation
6	40	50	15	A	60	7,000	15,200	10	44506066	F 5015/6 A 60
					80	7,000	15,200	10	44506086	F 5015/6 A 80
					120	7,000	15,200	10	44506126	F 5015/6 A 120
					150	7,000	15,200	10	44506156	F 5015/6 A 150
					180	7,000	15,200	10	44506186	F 5015/6 A 180
					240	7,000	15,200	10	44506246	F 5015/6 A 240
					320	7,000	15,200	10	44506326	F 5015/6 A 320
			20	A	40	7,000	15,200	10	47801224	F 5020/6 A 40
					60	7,000	15,200	10	44504066	F 5020/6 A 60
					80	7,000	15,200	10	44504086	F 5020/6 A 80
					120	7,000	15,200	10	44504126	F 5020/6 A 120
					150	7,000	15,200	10	44504156	F 5020/6 A 150
					180	7,000	15,200	10	44504186	F 5020/6 A 180
					320	7,000	15,200	10	44504326	F 5020/6 A 320
			30	A	40	7,000	15,200	10	44411546	F 5030/6 A 40
					60	7,000	15,200	10	44503066	F 5030/6 A 60
					80	7,000	15,200	10	44503086	F 5030/6 A 80
					120	7,000	15,200	10	44503126	F 5030/6 A 120
					150	7,000	15,200	10	44503156	F 5030/6 A 150
					180	7,000	15,200	10	44503186	F 5030/6 A 180
					240	7,000	15,200	10	44503246	F 5030/6 A 240
					320	7,000	15,200	10	44503326	F 5030/6 A 320
		60	5	A	60	6,300	12,700	10	44419066	F 6005/6 A 60
					80	6,300	12,700	10	44419086	F 6005/6 A 80
					120	6,300	12,700	10	44419126	F 6005/6 A 120
					150	6,300	12,700	10	44419156	F 6005/6 A 150
					180	6,300	12,700	10	44419186	F 6005/6 A 180
			15	A	60	6,300	12,700	10	44507066	F 6015/6 A 60
					80	6,300	12,700	10	44507086	F 6015/6 A 80
					120	6,300	12,700	10	44507126	F 6015/6 A 120
					150	6,300	12,700	10	44507156	F 6015/6 A 150
					240	6,300	12,700	10	44507246	F 6015/6 A 240
					320	6,300	12,700	10	44507326	F 6015/6 A 320
			20	A	40	6,300	12,700	10	47801077	F 6020/6 A 40
					60	6,300	12,700	10	44508066	F 6020/6 A 60
					80	6,300	12,700	10	44508086	F 6020/6 A 80
					120	6,300	12,700	10	44508126	F 6020/6 A 120
					150	6,300	12,700	10	44508156	F 6020/6 A 150
					240	6,300	12,700	10	44508246	F 6020/6 A 240
					320	6,300	12,700	10	44508326	F 6020/6 A 320
			30	A	40	6,300	12,700	10	44509046	F 6030/6 A 40
					60	6,300	12,700	10	44509066	F 6030/6 A 60
					80	6,300	12,700	10	44509086	F 6030/6 A 80
					120	6,300	12,700	10	44509126	F 6030/6 A 120
					150	6,300	12,700	10	44509156	F 6030/6 A 150
					180	6,300	12,700	10	44509186	F 6030/6 A 180
					240	6,300	12,700	10	44509246	F 6030/6 A 240
					320	6,300	12,700	10	44509326	F 6030/6 A 320
			40	A	400	6,300	12,700	10	44509406	F 6030/6 A 400
					40	6,300	12,700	10	47801233	F 6040/6 A 40
					60	6,300	12,700	10	44510066	F 6040/6 A 60
					80	6,300	12,700	10	44510086	F 6040/6 A 80
					120	6,300	12,700	10	44510126	F 6040/6 A 120
					150	6,300	12,700	10	44510156	F 6040/6 A 150

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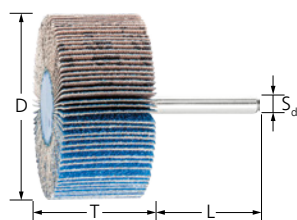
Flap tools

Mounted flap wheels F



S _d [mm]	L [mm]	D [mm]	T [mm]	Abrasive	Grit size	Opt. RPM	Max. RPM		Item no.	Designation
6	40	60	40	A	240	6,300	12,700	10	44510246	F 6040/6 A 240
				A	40	6,300	12,700	10	44511046	F 6050/6 A 40
			50	A	60	6,300	12,700	10	44511066	F 6050/6 A 60
					80	6,300	12,700	10	44511086	F 6050/6 A 80
					120	6,300	12,700	10	44511126	F 6050/6 A 120
					150	6,300	12,700	10	44511156	F 6050/6 A 150
					240	6,300	12,700	10	44511246	F 6050/6 A 240
					320	6,300	12,700	10	44511326	F 6050/6 A 320
		80	5	A	60	4,800	9,500	10	47801807	F 8005/6 A 60
					80	4,800	9,500	10	47801514	F 8005/6 A 80
					120	4,800	9,500	10	47801624	F 8005/6 A 120
					150	4,800	9,500	10	47801562	F 8005/6 A 150
					180	4,800	9,500	10	47802769	F 8005/6 A 180
					240	4,800	9,500	10	44480240	F 8005/6 A 240
					320	4,800	9,500	10	44480320	F 8005/6 A 320
			10	A	60	4,800	9,500	10	47801575	F 8010/6 A 60
					80	4,800	9,500	10	47801110	F 8010/6 A 80
					120	4,800	9,500	10	47801576	F 8010/6 A 120
					150	4,800	9,500	10	47802867	F 8010/6 A 150
					180	4,800	9,500	10	47802868	F 8010/6 A 180
					240	4,800	9,500	10	47802869	F 8010/6 A 240
			15	A	320	4,800	9,500	10	47802857	F 8010/6 A 320
					40	4,800	9,500	10	47801548	F 8015/6 A 40
					60	4,800	9,500	10	44512066	F 8015/6 A 60
					80	4,800	9,500	10	44512086	F 8015/6 A 80
					120	4,800	9,500	10	44512126	F 8015/6 A 120
					150	4,800	9,500	10	44512156	F 8015/6 A 150
			20	A	40	4,800	9,500	10	44513046	F 8020/6 A 40
					60	4,800	9,500	10	44513066	F 8020/6 A 60
					80	4,800	9,500	10	44513086	F 8020/6 A 80
					120	4,800	9,500	10	44513126	F 8020/6 A 120
					150	4,800	9,500	10	44513156	F 8020/6 A 150
			30	A	40	4,800	9,500	10	44514046	F 8030/6 A 40
					60	4,800	9,500	10	44514066	F 8030/6 A 60
					80	4,800	9,500	10	44514086	F 8030/6 A 80
					120	4,800	9,500	10	44514126	F 8030/6 A 120
					150	4,800	9,500	10	44514156	F 8030/6 A 150
					240	4,800	9,500	10	44514246	F 8030/6 A 240
			40	A	320	4,800	9,500	10	44514326	F 8030/6 A 320
					60	4,800	9,500	10	44515066	F 8040/6 A 60
					80	4,800	9,500	10	44515086	F 8040/6 A 80
					120	4,800	9,500	10	44515126	F 8040/6 A 120
					150	4,800	9,500	10	44515156	F 8040/6 A 150
			50	A	240	4,800	9,500	10	44515246	F 8040/6 A 240
					40	4,800	9,500	10	44516046	F 8050/6 A 40
					60	4,800	9,500	10	44516066	F 8050/6 A 60
					80	4,800	9,500	10	44516086	F 8050/6 A 80
					120	4,800	9,500	10	44516126	F 8050/6 A 120
					150	4,800	9,500	10	44516156	F 8050/6 A 150
					240	4,800	9,500	10	44516246	F 8050/6 A 240
					320	4,800	9,500	10	44516326	F 8050/6 A 320





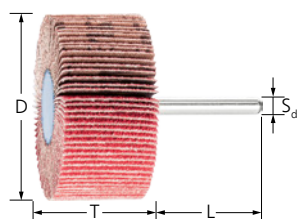
Zirconia alumina Z-COOL version

The flaps made of coated abrasive are arranged radially around the axis in a fan-type structure. For coarse grinding work with a high stock removal rate. Active grinding additives substantially improve the stock removal rate, prevent clogging and result in cooler grinding.

Special features:

- Highly flexible, enabling optimal adjustment to the contour.
- Consistently high stock removal rate over the entire tool life as new, aggressive abrasive is constantly exposed.
- Can be used face-down very close to edges and in corners thanks to the flat, moulded-core design.

S_d [mm]	L [mm]	D [mm]	T [mm]	Abrasive	Grit size	Opt. RPM	Max. RPM		Item no.	Designation
6	40	30	20	Z-COOL	60	12,000	25,400	10	44412066	F 3020/6 Z-COOL 60
					80	12,000	25,400	10	44412086	F 3020/6 Z-COOL 80
			20	Z-COOL	60	9,600	19,100	10	44414066	F 4020/6 Z-COOL 60
					80	9,600	19,100	10	44414086	F 4020/6 Z-COOL 80
		50	20	Z-COOL	60	7,000	15,200	10	44531066	F 5020/6 Z-COOL 60
					80	7,000	15,200	10	44531086	F 5020/6 Z-COOL 80
		60	30	Z-COOL	60	6,300	12,700	10	44533066	F 6030/6 Z-COOL 60
					80	6,300	12,700	10	44533086	F 6030/6 Z-COOL 80
		80	50	Z-COOL	60	4,800	9,500	10	44535066	F 8050/6 Z-COOL 60
					80	4,800	9,500	10	44535086	F 8050/6 Z-COOL 80



Ceramic oxide grain CO-COOL version

The flaps made of coated abrasive are arranged radially around the axis in a fan-type structure. Consistently high performance and aggressive grinding due to self-sharpening ceramic oxide grain. Active grinding additives improve the stock removal rate, prevent clogging and result in cooler grinding.

Special features:

- Highly flexible, enabling optimal adjustment to the contour.
- Consistently high stock removal rate over the entire tool life as new, aggressive abrasive is constantly exposed.
- Can be used face-down very close to edges and in corners thanks to the flat, moulded-core design.

S_d [mm]	L [mm]	D [mm]	T [mm]	Abrasive	Grit size	Opt. RPM	Max. RPM		Item no.	Designation
3	40	15	10	CO-COOL	120	25,000	50,000	10	44400069	F 1510/3 CO-COOL 120
					60	25,000	50,000	10	44400067	F 1510/3 CO-COOL 60
					80	25,000	50,000	10	44400068	F 1510/3 CO-COOL 80
			15	CO-COOL	120	25,000	50,000	10	44400072	F 1515/3 CO-COOL 120
					60	25,000	50,000	10	44400070	F 1515/3 CO-COOL 60
					80	25,000	50,000	10	44400071	F 1515/3 CO-COOL 80
6	40	20	10	CO-COOL	60	19,000	38,100	10	47802871	F 2010/6 CO-COOL 60
					80	19,000	38,100	10	47802716	F 2010/6 CO-COOL 80
					120	19,000	38,100	10	47802717	F 2010/6 CO-COOL 120
			30	CO-COOL	40	12,000	25,400	10	44402054	F 3010/6 CO-COOL 40
					60	12,000	25,400	10	44402074	F 3010/6 CO-COOL 60
					80	12,000	25,400	10	44402094	F 3010/6 CO-COOL 80
		30	10	CO-COOL	120	12,000	25,400	10	44402134	F 3010/6 CO-COOL 120
					40	12,000	25,400	10	44409054	F 3015/6 CO-COOL 40
					60	12,000	25,400	10	44409074	F 3015/6 CO-COOL 60
					80	12,000	25,400	10	44409094	F 3015/6 CO-COOL 80
			15	CO-COOL	120	12,000	25,400	10	44409134	F 3015/6 CO-COOL 120
					40	12,000	25,400	10	47802244	F 3020/6 CO-COOL 40
					60	12,000	25,400	10	47802245	F 3020/6 CO-COOL 60
					80	12,000	25,400	10	47802246	F 3020/6 CO-COOL 80
			20	CO-COOL	120	12,000	25,400	10	47802773	F 3020/6 CO-COOL 120

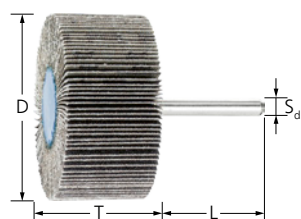
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Flap tools

Mounted flap wheels F



S_d [mm]	L [mm]	D [mm]	T [mm]	Abrasive	Grit size	Opt. RPM	Max. RPM		Item no.	Designation
6	40	40	20	CO-COOL	40	9,600	19,100	10	44408054	F 4020/6 CO-COOL 40
					60	9,600	19,100	10	44408074	F 4020/6 CO-COOL 60
					80	9,600	19,100	10	44408094	F 4020/6 CO-COOL 80
					120	9,600	19,100	10	44408134	F 4020/6 CO-COOL 120
		50	30	CO-COOL	40	7,000	15,200	10	44411554	F 5030/6 CO-COOL 40
					60	7,000	15,200	10	44411574	F 5030/6 CO-COOL 60
					80	7,000	15,200	10	44411594	F 5030/6 CO-COOL 80
					120	7,000	15,200	10	44411634	F 5030/6 CO-COOL 120
		60	15	CO-COOL	40	6,300	12,700	10	47802872	F 6015/6 CO-COOL 40
					60	6,300	12,700	10	47802873	F 6015/6 CO-COOL 60
					80	6,300	12,700	10	47802800	F 6015/6 CO-COOL 80
					120	6,300	12,700	10	47802874	F 6015/6 CO-COOL 120
			30	CO-COOL	40	6,300	12,700	10	44411754	F 6030/6 CO-COOL 40
					60	6,300	12,700	10	44411774	F 6030/6 CO-COOL 60
					80	6,300	12,700	10	44411794	F 6030/6 CO-COOL 80
					120	6,300	12,700	10	44411834	F 6030/6 CO-COOL 120



Silicon carbide SiC version

The flaps made of coated abrasive are arranged radially around the axis in a fan-type structure. For general grinding work. Particularly recommended for use on titanium alloys. Ideally suited for use in the aircraft industry, particularly when SiC is the only abrasive approved for use.



Special features:

- Highly flexible, enabling optimal adjustment to the contour.
- Consistently high stock removal rate over the entire tool life as new, aggressive abrasive is constantly exposed.
- Can be used face-down very close to edges and in corners thanks to the flat, moulded-core design.

S_d [mm]	L [mm]	D [mm]	T [mm]	Abrasive	Grit size	Opt. RPM	Max. RPM		Item no.	Designation
6	40	20	10	SiC	60	19,000	38,100	10	44400060	F 2010/6 SiC 60
					80	19,000	38,100	10	44400080	F 2010/6 SiC 80
					120	19,000	38,100	10	44400120	F 2010/6 SiC 120
					150	19,000	38,100	10	44400150	F 2010/6 SiC 150
		30	10	SiC	60	12,000	25,400	10	44407066	F 3010/6 SiC 60
					80	12,000	25,400	10	44407086	F 3010/6 SiC 80
					120	12,000	25,400	10	44407126	F 3010/6 SiC 120
					150	12,000	25,400	10	44407156	F 3010/6 SiC 150
		15		SiC	60	12,000	25,400	10	44415060	F 3015/6 SiC 60
					80	12,000	25,400	10	44415080	F 3015/6 SiC 80
					120	12,000	25,400	10	44415120	F 3015/6 SiC 120
					150	12,000	25,400	10	44415150	F 3015/6 SiC 150
		20		SiC	60	12,000	25,400	10	44420060	F 3020/6 SiC 60
					80	12,000	25,400	10	44420080	F 3020/6 SiC 80
					120	12,000	25,400	10	44420120	F 3020/6 SiC 120
					150	12,000	25,400	10	44420150	F 3020/6 SiC 150
		40	20	SiC	60	9,600	19,100	10	44440060	F 4020/6 SiC 60
					80	9,600	19,100	10	44440080	F 4020/6 SiC 80
					120	9,600	19,100	10	44440120	F 4020/6 SiC 120
					150	9,600	19,100	10	44440150	F 4020/6 SiC 150
		50	30	SiC	60	7,000	15,200	10	44450060	F 5030/6 SiC 60

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Flap tools

Mounted flap wheels F



S_d [mm]	L [mm]	D [mm]	T [mm]	Abrasive	Grit size	Opt. RPM	Max. RPM		Item no.	Designation
6	40	50	30	SiC	80	7,000	15,200	10	44450080	F 5030/6 SiC 80
					120	7,000	15,200	10	44450120	F 5030/6 SiC 120
					150	7,000	15,200	10	44450150	F 5030/6 SiC 150
	60	30	30	SiC	60	6,300	12,700	10	44521066	F 6030/6 SiC 60
					80	6,300	12,700	10	44521086	F 6030/6 SiC 80
					120	6,300	12,700	10	44521126	F 6030/6 SiC 120
					150	6,300	12,700	10	44521156	F 6030/6 SiC 150

Mounted flap wheel set



FSO

Set of different mounted flap wheels in the aluminium oxide A variant with a shank diameter of 6 mm.

Contents:

Five each of the following mounted flap wheels with shank dia. 6 mm in the following dimensions: 40 x 15 mm (grit sizes 80 and 120), 50 x 15 mm (grit sizes 60 and 80), 60 x 30 mm (grit size 60), 60 x 40 mm (grit sizes 80 and 150) and 80 x 30 mm (grit size 60).

Special features:

- For getting to know and testing the comprehensive range.
- Coordinated selection of the most common versions.
- Promotional display box.

L [mm]	B [mm]	H [mm]		Item no.	Designation
240	145	240	1	44590001	FSO 5400

Mounted flap wheel – bore polisher



Aluminium oxide A version

The flaps made of coated abrasive are arranged radially around the axis in a fan-type structure. The open structure of the tool ensures flexibility and enables grinding even in small bores. Bore polishers are suitable for fine grinding.

Special features:

- Produces uniform surfaces, even in small holes.
- Highly flexible, enabling optimal adjustment to the contour.
- Consistently high stock removal rate over the entire tool life as new, aggressive abrasive is constantly exposed.

S_d [mm]	L [mm]	D [mm]	T [mm]	Abrasive	Grit size	Opt. RPM	Max. RPM		Item no.	Designation
6	60	15	20	A	120	25,400	31,800	10	44403250	BP 1520/6-60 6x2 A 120
					150	25,400	31,800	10	44403251	BP 1520/6-60 6x2 A 150
		20	20	A	120	19,100	23,800	10	44403252	BP 2020/6-60 6x2 A 120
					150	19,100	23,800	10	44403253	BP 2020/6-60 6x2 A 150
		25	20	A	120	15,000	19,100	10	44403254	BP 2520/6-60 6x2 A 120
					150	15,000	19,100	10	44403255	BP 2520/6-60 6x2 A 150
		30	20	A	120	12,700	15,900	10	44403256	BP 3020/6-60 6x2 A 120
					150	12,700	15,900	10	44403257	BP 3020/6-60 6x2 A 150

Safety notes

- As a rule, unmounted flap wheels should be used with the appropriate clamping flanges.
- The maximum permitted peripheral speed is determined as follows:
Unmounted flap wheels = 50 m/s
Unmounted flap wheels for angle grinders = 80 m/s
Flap drums = 32 m/s.
- The contact pressure must be significantly reduced if the specified optimum rotational speed is exceeded.
- For safety reasons, the maximum permitted rotational speed indicated must never be exceeded.



Wear eye protection!



Wear hearing protection!



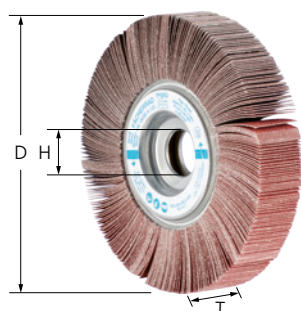
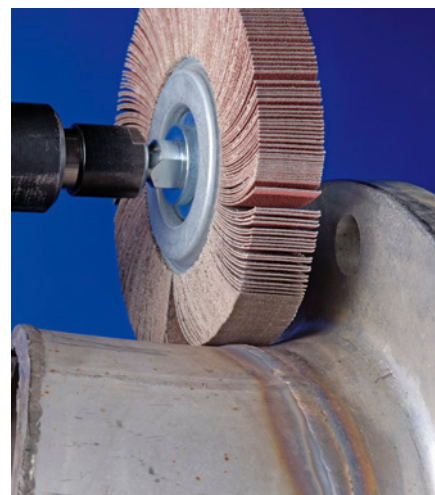
Wear gloves!



Wear a dust mask!



Follow the safety instructions!



Aluminium oxide A version

The flaps made of coated abrasive are arranged radially around the axis in a fan-type structure. For general applications from coarse to fine grinding.

Special features:

- Highly flexible, enabling optimal adjustment to the contour. Can be used face-down very close to edges and in corners thanks to special clamping system.
- Consistently high stock removal rate over the entire tool life as new, aggressive abrasive is constantly exposed.
- Please order compatible arbor separately.

D [mm]	T [mm]	H [mm]	Abrasive	Grit size	Opt. RPM	Max. RPM		Item no.	Designation
100	30	25.4	A	40	5,500	9,500	2	44710041	FR 10030/25,4 A 40
				60	5,500	9,500	2	44710061	FR 10030/25,4 A 60
				80	5,500	9,500	2	44710081	FR 10030/25,4 A 80
				120	5,500	9,500	2	44710121	FR 10030/25,4 A 120
	50	25.4	A	40	5,500	9,500	2	44712041	FR 10050/25,4 A 40
				60	5,500	9,500	2	44712061	FR 10050/25,4 A 60
				80	5,500	9,500	2	44712081	FR 10050/25,4 A 80
				120	5,500	9,500	2	44712121	FR 10050/25,4 A 120
150	30	25.4	A	40	3,500	6,300	2	44724040	FR 15030/25,4 A 40
				60	3,500	6,300	2	44724060	FR 15030/25,4 A 60
				80	3,500	6,300	2	44724080	FR 15030/25,4 A 80
				120	3,500	6,300	2	44724120	FR 15030/25,4 A 120
				150	3,500	6,300	2	44724150	FR 15030/25,4 A 150
	50	25.4	A	40	3,500	6,300	2	44726040	FR 15050/25,4 A 40
				60	3,500	6,300	2	44726060	FR 15050/25,4 A 60
				80	3,500	6,300	2	44726080	FR 15050/25,4 A 80
				120	3,500	6,300	2	44726120	FR 15050/25,4 A 120
				150	3,500	6,300	2	44726150	FR 15050/25,4 A 150
				240	3,500	6,300	2	44726240	FR 15050/25,4 A 240
				40	3,200	5,700	2	44732041	FR 16530/25,4 A 40 HD
				60	3,200	5,700	2	44732061	FR 16530/25,4 A 60 HD
				80	3,200	5,700	2	44732081	FR 16530/25,4 A 80 HD
				120	3,200	5,700	2	44732121	FR 16530/25,4 A 120
				150	3,200	5,700	2	44732151	FR 16530/25,4 A 150
				240	3,200	5,700	2	44732241	FR 16530/25,4 A 240
165	50	25.4	A	40	3,200	5,700	2	44731041	FR 16550/25,4 A 40 HD

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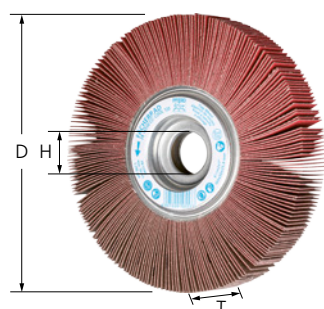


Flap tools

Unmounted flap wheels FR



D [mm]	T [mm]	H [mm]	Abrasive	Grit size	Opt. RPM	Max. RPM		Item no.	Designation
165	50	25.4	A	60	3,200	5,700	2	44731061	FR 16550/25.4 A 60 HD
				80	3,200	5,700	2	44731081	FR 16550/25.4 A 80 HD
				120	3,200	5,700	2	44731121	FR 16550/25.4 A120 HD
				150	3,200	5,700	2	44731151	FR 16550/25,4 A 150
				240	3,200	5,700	2	44731241	FR 16550/25,4 A 240
				320	3,200	5,700	2	44731321	FR 16550/25,4 A 320
200	30	44	A	60	2,600	4,700	2	44736061	FR 20030/44,0 A 60
				80	2,600	4,700	2	44736081	FR 20030/44,0 A 80
				120	2,600	4,700	2	44736121	FR 20030/44,0 A 120
				240	2,600	4,700	2	44736241	FR 20030/44,0 A 240
	50	44	A	60	2,600	4,700	2	44738061	FR 20050/44,0 A 60
				80	2,600	4,700	2	44738081	FR 20050/44,0 A 80
				120	2,600	4,700	2	44738121	FR 20050/44,0 A 120
				150	2,600	4,700	2	44738151	FR 20050/44,0 A 150
				240	2,600	4,700	2	44738241	FR 20050/44,0 A 240
250	50	44	A	60	2,100	3,800	1	44742061	FR 25050/44,0 A 60
				80	2,100	3,800	1	44742081	FR 25050/44,0 A 80
				120	2,100	3,800	1	44742121	FR 25050/44,0 A 120
				150	2,100	3,800	1	44742151	FR 25050/44,0 A 150
				240	2,100	3,800	1	44742241	FR 25050/44,0 A 240
				320	2,100	3,800	1	44742321	FR 25050/44,0 A 320



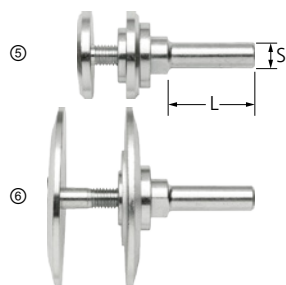
Ceramic oxide grain CO-COOL version

The flaps made of coated abrasive are arranged radially around the axis in a fan-type structure. Consistently high performance and aggressive grinding due to self-sharpening ceramic oxide grain. Active grinding additives improve the stock removal rate, prevent clogging and result in cooler grinding.

Special features:

- Highly flexible, enabling optimal adjustment to the contour. Can be used face-down very close to edges and in corners thanks to special clamping system.
- Consistently high stock removal rate over the entire tool life as new, aggressive abrasive is constantly exposed.
- Please order compatible arbor separately.

D [mm]	T [mm]	H [mm]	Abrasive	Grit size	Opt. RPM	Max. RPM		Item no.	Designation
150	30	25.4	CO-COOL	40	3,500	6,300	2	44725204	FR 15030/25,4 CO-COOL 40
				60	3,500	6,300	2	44725206	FR 15030/25,4 CO-COOL 60
				80	3,500	6,300	2	44725208	FR 15030/25,4 CO-COOL 80
				120	3,500	6,300	2	44725212	FR 15030/25,4 CO-COOL 120
	50	25.4	CO-COOL	40	3,500	6,300	2	44727204	FR 15050/25,4 CO-COOL 40
				60	3,500	6,300	2	44727206	FR 15050/25,4 CO-COOL 60
				80	3,500	6,300	2	44727208	FR 15050/25,4 CO-COOL 80
				120	3,500	6,300	2	44727212	FR 15050/25,4 CO-COOL 120
165	30	25.4	CO-COOL	40	3,200	5,700	2	44733204	FR 16530/25,4 CO-COOL 40
				60	3,200	5,700	2	44733206	FR 16530/25,4 CO-COOL 60
				80	3,200	5,700	2	44733208	FR 16530/25,4 CO-COOL 80
				120	3,200	5,700	2	44733212	FR 16530/25,4 CO-COOL 120
	50	25.4	CO-COOL	40	3,200	5,700	2	44730304	FR 16550/25,4 CO-COOL 40
				60	3,200	5,700	2	44730306	FR 16550/25,4 CO-COOL 60
				80	3,200	5,700	2	44730308	FR 16550/25,4 CO-COOL 80
				120	3,200	5,700	2	44730312	FR 16550/25,4 CO-COOL 120



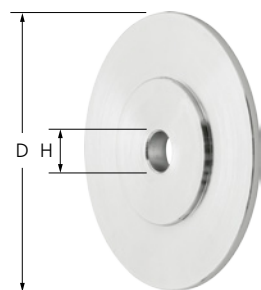
Version with clamping flange

For mounting PFERD TOOLS unmounted flap wheels. The clamping flanges are designed to lie countersunk in the tool.

Special features:

- Can be used face-down very close to edges and in corners thanks to special clamping system.

Image	Suitable for tool diameter [mm]	Suitable for hole diameter [mm]	S [mm]	L [mm]	Clamping range [mm]		Item no.	Designation
⑤	100, 150, 165	25.4	12	40	25 – 50	1	44601225	FR/VR 12/25,4 100-165
⑥	200, 250	44	12	40	25 – 50	1	44601244	FR/VR 12/44,0 200-250



Reducing flanges for unmounted flap wheels

For mounting unmounted flap wheels and POLINOX grinding wheels on drive spindles. The clamping flanges are designed to lie countersunk in the tool.

Special features:

- Can be used face-down very close to edges and in corners thanks to special clamping system.
- Can be adapted to an existing drive spindle by drilling.

Suitable for tool diameter [mm]	D [mm]	H [mm]	Max. H [mm]		Item no.	Designation
150, 165	40	12	22.2	1	44771225	RF FR 150-165 Bo. 12-22,2
200, 250	83	12	40	1	44771244	RF FR 200-250 Bo. 12-40

Unmounted flap wheels for angle grinders



Aluminium oxide A version

The flaps made of coated abrasive are arranged radially around the axis in a fan-type structure. For general applications from coarse to fine grinding.

Special features:

- Can be mounted directly on the angle grinder without additional clamping devices (ideal for assembly shop operations).
- Consistently high stock removal rate over the entire tool life as new, aggressive abrasive is constantly exposed.
- Can be used face-down very close to edges and in corners. Highly flexible, enabling optimal adjustment to the contour.

D [mm]	T [mm]	Thread	Abrasive	Grit size	Opt. RPM	Max. RPM		Item no.	Designation
115	20	5/8-11	A	40	7,500	13,300	2	47802558	FR WS 11520 5/8-11 A 40
				60	7,500	13,300	2	47802559	FR WS 11520 5/8-11 A 60
				80	7,500	13,300	2	47802560	FR WS 11520 5/8-11 A 80
				120	7,500	13,300	2	47802561	FR WS 11520 5/8-11 A 120
				180	7,500	13,300	2	47802821	FR WS 11520 5/8-11 A 180
		M14	A	40	7,500	13,300	2	44781504	FR WS 11520 M14 A 40
				60	7,500	13,300	2	44781506	FR WS 11520 M14 A 60
				80	7,500	13,300	2	44781508	FR WS 11520 M14 A 80
				120	7,500	13,300	2	44781512	FR WS 11520 M14 A 120

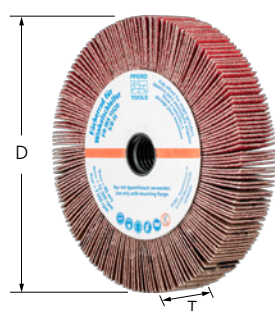
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Flap tools

Unmounted flap wheels for angle grinders



D [mm]	T [mm]	Thread	Abrasive	Grit size	Opt. RPM	Max. RPM		Item no.	Designation
115	20	M14	A	180	7,500	13,300	2	44781518	FR WS 11520 M14 A 180
				240	7,500	13,300	2	44781524	FR WS 11520 M14 A 240
				320	7,500	13,300	2	44781532	FR WS 11520 M14 A 320
125	20	5/8-11	A	40	6,850	12,200	2	47802663	FR WS 12520 5/8-11 A 40
				60	6,850	12,200	2	47802664	FR WS 12520 5/8-11 A 60
				80	6,850	12,200	2	47802665	FR WS 12520 5/8-11 A 80
				120	6,850	12,200	2	47802666	FR WS 12520 5/8-11 A 120
		M14	A	40	6,850	12,200	2	44782504	FR WS 12520 M14 A 40
				60	6,850	12,200	2	44782506	FR WS 12520 M14 A 60
				80	6,850	12,200	2	44782508	FR WS 12520 M14 A 80
				120	6,850	12,200	2	44782512	FR WS 12520 M14 A 120
				180	6,850	12,200	2	44782518	FR WS 12520 M14 A 180
				240	6,850	12,200	2	44782524	FR WS 12520 M14 A 240
				320	6,850	12,200	2	44782532	FR WS 12520 M14 A 320



Ceramic oxide grain CO-COOL version

The flaps made of coated abrasive are arranged radially around the axis in a fan-type structure. Consistently high performance and aggressive grinding due to self-sharpening ceramic oxide grain. Active grinding additives improve the stock removal rate, prevent clogging and result in cooler grinding.

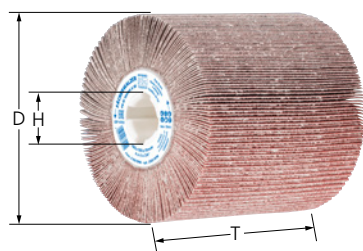
Special features:

- Can be mounted directly on the angle grinder without additional clamping devices (ideal for assembly shop operations).
- Consistently high stock removal rate over the entire tool life as new, aggressive abrasive is constantly exposed.
- Can be used face-down very close to edges and in corners. Highly flexible, enabling optimal adjustment to the contour.

D [mm]	T [mm]	Thread	Abrasive	Grit size	Opt. RPM	Max. RPM		Item no.	Designation
115	20	M14	CO-COOL	40	7,500	13,300	2	44781604	FR WS 11520 M14 CO-COOL 40
				60	7,500	13,300	2	44781606	FR WS 11520 M14 CO-COOL 60
				80	7,500	13,300	2	44781608	FR WS 11520 M14 CO-COOL 80
				120	7,500	13,300	2	44781612	FR WS 11520 M14 CO-COOL 120
125	20	M14	CO-COOL	40	6,850	12,200	2	44782604	FR WS 12520 M14 CO-COOL 40
				60	6,850	12,200	2	44782606	FR WS 12520 M14 CO-COOL 60
				80	6,850	12,200	2	44782608	FR WS 12520 M14 CO-COOL 80
				120	6,850	12,200	2	44782612	FR WS 12520 M14 CO-COOL 120

Flap tools

Flap drums



FR-W type

The flaps made of coated abrasive are arranged radially around the axis in a fan-type structure. Can be used for general work on medium and large metal surfaces. Achievement of homogeneous finishes (grinding patterns) on larger surfaces and contours in manual applications.

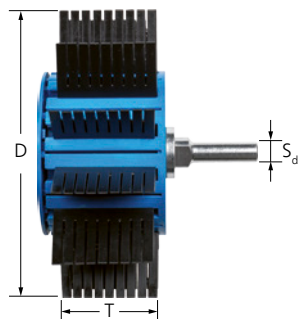


Special features:

- Suitable for all conventional keyway systems. The 19 mm hole diameter with four keyways fits all conventional drum grinders.
- Consistently high stock removal rate over the entire tool life as new, aggressive abrasive is constantly exposed.
- Can be used face-down very close to edges and in corners thanks to special clamping system. Highly flexible, enabling optimal adjustment to the contour.

D [mm]	T [mm]	H [mm]	Abrasive	Grit size	Opt. RPM	Max. RPM		Item no.	Designation
100	100	19	A	40	3,800	6,100	1	44783040	FR-W 100100 A 40
				60	3,800	6,100	1	44783060	FR-W 100100 A 60
				80	3,800	6,100	1	44783080	FR-W 100100 A 80
				120	3,800	6,100	1	44783120	FR-W 100100 A 120
				150	3,800	6,100	1	44783150	FR-W 100100 A 150
				180	3,800	6,100	1	44783180	FR-W 100100 A 180

POLIFLAP tools



Grinding wheel PFL

The grinding wheel consists of a shank-mounted support and rubber flaps. It must be completed with appropriate abrasive flaps. The combination and arrangement of the abrasive and rubber flaps results in a highly flexible tool.

Special features:

- Ideal for blending different surface textures, fine grinding of radii, contours, curved areas or large surfaces.
- Creates a consistently high surface quality over the entire tool life, as new sharp abrasive is steadily released.
- Comfortable to use thanks to particularly lightweight design. Please order abrasive flaps separately in the required grit size.

D [mm]	T [mm]	S _d [mm]	Opt. RPM	Max. RPM		Item no.	Designation
170	60	12	1,500	3,500	1	42800100	PFL 17060/12