



# Rough Grinding and Cutting off



Working in a tough environment places high demands on the tools and on the operator. The high power-to-weight ratios of our tools make them comfortable to work with and gives you a superior material removal rate with minimum effort. They are powerful and built to last.

Our tools are available in all sizes and power outputs. Whether it's a small, one-handed angle grinder or a 4.5 kW machine, both offer you superior productivity. Our range of grinders includes both vertical and straight versions to cover all needs in a rough grinding environment.

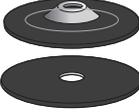
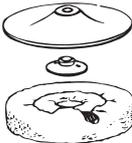
**DIE GRINDING AND DEBURRING**

- 1 Carbide burrs 
- 2 Mounted points 

**ROUGH GRINDING AND CUTTING OFF**

- 3 Depressed center wheels 
- 4 Cut off wheels 
- 5 Cup wheels 
- 6 Flap wheels 
- 7 Straight wheels 
- 8 Cone wheels 

**SANDING AND POLISHING**

- 9 Fibre discs 
- 10 Wire brushes 
- 11 Polishing bonnets 
- 12 Radial flap wheels 
- 13 Scotch-Brite 

# Grinders

*Extreme productivity  
for cut-off and depressed center wheels*



GTG25



LSV48



GTG40



LSS64/84

Extreme productivity grinders are suitable for all rough and heavy grinding tasks.

Our **GTG** models are powered by a motor with the latest turbine technology which gives extremely high power-to-weight ratios compared to normal vane motors. This means that you can select a lighter, more compact tool without sacrificing the material removal rate.

Compared to a vane motor, a turbine motor provides up to 40 percent more efficiency for the same specific job and at the same time reduces the total energy consumption.

**LSV** grinders have been optimized to get the highest power-to-weight ratio available for conventional vane motors.

They are developed to be durable with low service requirements.

**LSS** vertical grinders have a robust design and are suitable for rough grinding on open surfaces and cutting off operations.

All the tools are fitted with a speed governor as standard to ensure optimum process speed at all times.

Selected models offer an Autobalancer as standard that reduces unbalanced forces and, in turn, vibrations.

Model	Max free speed r/min	Max output kW	Max wheel dia mm	Spindle thread	Spindle length mm	Weight kg	Height over spindle mm	Air consumption at max output l/s	Air consumption at free speed l/s	Rec hose size mm	Air inlet thread BSP	Ordering No.
GTG25 F120-13	12000	2.5	125	-	-	2.1	59	32	9	16	3/8"	8423 2525 01
GTG25 F120-M14	12000	2.5	125	M14	20	2.1	59	32	9	16	3/8"	8423 2525 10
GTG25 F120-5/8	12000	2.5	125	UNC 5/8"	20	2.1	59	32	9	16	3/8"	8423 2525 11
GTG25 F085-18	8500	2.5	180	-	-	2.2	59	32	9	16	3/8"	8423 2525 02
GTG25 F085-M14	8500	2.5	180	M14	20	2.2	59	32	9	16	3/8"	8423 2525 12
GTG25 F085-5/8	8500	2.5	180	UNC 5/8"	20	2.2	59	32	9	16	3/8"	8423 2525 13
GTG25 F085-18	8500	2.5	125	-	-	2.2	59	32	9	16	3/8"	8423 2525 15
GTG40 F085-18	8500	4.5	180	-	-	3.8	128	60	20	16	1/2"	8423 2900 10
GTG40 F066-23	6600	4.5	230	-	-	4.0	128	60	20	16	1/2"	8423 2910 10
LSV48 SA085-18	8500	1.9	180	M14	9	2.7	88	36	17	16	1/2"	8423 0132 06
LSV48 SA066-23	6600	1.9	230	UNC 5/8"	10	2.9	88	36	17	16	1/2"	8423 0132 08
<b>Vertical Grinders</b>												
LSS64 S085-18	8500	2.6	180	UNC 5/8"	29	4.7	201	50	13	16	1/2"	8423 2641 38
LSS64 S060-23	6000	2.2	230	UNC 5/8"	29	5.1	201	40	9	16	1/2"	8423 2641 46
LSS84 S060-23	6000	3.8	230	UNC 5/8"	32	6.0	217	65	17	19	1/2"	8423 2840 26

## Accessories

Accessories Extreme Productivity Grinders	GTG25	GTG40	LSV48	LSS64	LSS84
Flange depressed center wheel	4175 0777 90	4175 0194 90	4150 1160 02**	-	-
Flange cut-off wheel	4175 0777 92	4175 0193 90	4150 1160 05**	-	-
Flange nut	-	-	-	4170 0220 01	4170 0220 01
Flange nut kit	-	-	-	4170 0219 87	-
Flange nut, quick change Fixtec - M14	-	-	4150 1929 00	-	-
Adapter kit fiber disc	-	4175 0238 90	-	-	-
Support handle	4175 0705 90	4110 1355 88	4175 0868 82	4170 0619 00	-
Vibration damped handle	4150 1521 80	4150 1521 80	-	-	-
Positioner for support handle	-	4175 0164 90	-	-	-
MultiFlex	8202 1350 22	8202 1350 60	8202 1350 60	8202 1350 60	8202 1350 60
<b>Diamond cutting wheels</b>					
Ø 125 mm	3780 5074 61	-	3780 5074 61	-	-
Ø 180 mm	3780 5074 62	3780 5074 62	3780 5074 62	3780 5074 62	-
<b>Spot suction for diamond cutting wheel</b>					
Kit Ø 180 mm	3780 4090 35	-	3780 4093 42*	-	-
Flange set (incl. in kit)	-	-	3780 2799 50	-	-
<b>Spot suction kit for depressed center wheel</b>					
Kit Ø 180 mm	3780 4090 30	-	3780 4093 41*	-	-
<b>Add on spot suction</b>					
Ø 125 mm	3780 4032 14	-	-	-	-
Ø 180-230 mm	3780 4032 12	3780 4032 12	3780 4032 12	3780 4032 12	3780 4032 12

\*For LSV48 SA 085, 8423 0132 02, see Sanders pages

\*\*M14



Spot suction depressed center wheel



Add on spot suction

**NEED BETTER  
AIR FLOW?**

Check out our full range of Air Line accessories in chapter Air Line Installation.

# Grinders

for cut-off and depressed center wheels, dia. 75-180 mm



LSV38

These grinders are used for general purpose grinding and cutting off in applications with high demands on productivity and ergonomics.

**LSV 19/28/38** grinders are ergonomically designed tools with high power-to-weight ratios. They can be used as one-handed angle grinders. Low vibrations and low noise levels mean that you can work with them all day without strain.

**LSS 53** vertical grinders have a robust design and are suitable for rough grinding on open surfaces and cutting off operations.

All tools are fitted with a speed governor as standard to ensure optimum process speed at all times. LSV38 models also include a version with an Autobalancer.



LSV19



LSV28

Model	Max free speed r/min	Max output kW	Max wheel diameter mm	Spindle thread	Spindle length mm	Weight kg	Height over spindle mm	Air consumption at max output l/s	Air consumption at free speed l/s	Rec hose size mm	Air inlet thread BSP	Ordering No.
LSV19 S170-08	17000	0.45	80	UNF 3/8"	17	0.7	71	11.2	6.6	10	1/4"	8423 0111 40
LSV28 S060-18**	6000	0.73	180	UNC 5/8"	32	2.5	87	16.0	7.3	13	3/8"	8423 0135 53
LSV28 ST12-10	12000	0.75	100	UNF 3/8"	17	1.7	75	17.4	7.5	13	3/8"	8423 0125 14
LSV28 ST12-12	12000	0.75	115	UNF 3/8"	17	1.7	75	17.4	7.5	13	3/8"	8423 0125 16
LSV28 ST12-13	12000	0.75	125	UNF 3/8"	17	1.7	75	17.4	7.5	13	3/8"	8423 0125 17
LSV28 ST13-10E	13000	0.75	100	UNF 3/8"	17	1.5	70	21.5	14.5	13	3/8"	8423 0125 29
LSV38 ST12-125	12000	1.30	125	M14	12	1.8	89	28.0	15.0	13	3/8"	8423 0131 09
LSV38 SA12-125*	12000	1.30	125	M14	10	2.0	89	28.0	15.0	13	3/8"	8423 0131 13
<b>Prepared for spot suction</b>												
LSV38 D120	12000	1.30	125	M14	10	2.0	89	28	15.0	13	3/8"	8423 0800 02
<b>Vertical grinder</b>												
LSS53 S085-18	8500	1.40	180	UNC 5/8"	30	2.9	180	27.0	10.0	13	1/2"	8423 2530 72

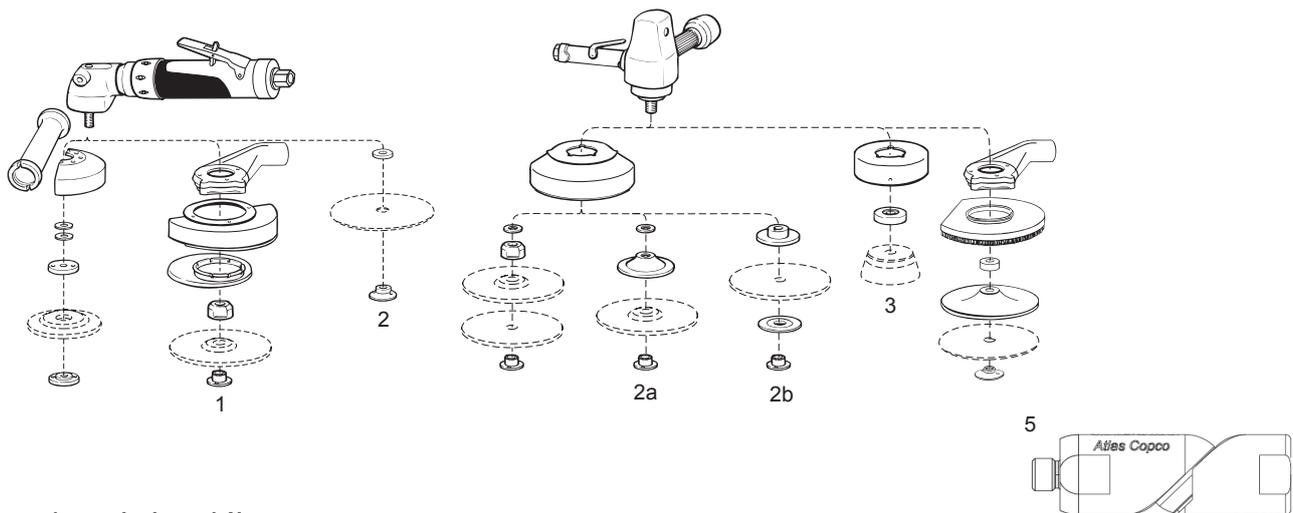
\*Includes Autobalancer

\*\*Flexible depressed centre wheel

# Accessories

Accessories Grinders	LSV19	LSV28	LSV38	LSS53	See illustration
Flange depressed center wheel kit	-	-	-	4170 0219 87	2a
Flange cut-off wheel kit	-	-	-	4170 1133 87	2b
Flange cup wheel kit (dia 125mm, incl. wheel guard)	-	-	-	4170 0664 80	3
Flange nut	-	-	4150 1160 02	4170 0758 01	-
Flange nut kit	4150 1158 80	4150 1160 80	-	-	-
Flange nut, quick change Fixtec - M14	-	-	4150 1929 00	-	-
Adapter for fitting flexible depressed center wheel (for LSV28 S060-18)	-	4170 0759 00	-	-	2
Support handle	-	4175 0868 80	4175 0868 80	-	-
Vibration damped handle	-	4150 1521 80	4150 1521 80	-	-
<b>Diamond cutting wheels</b>					
Ø 100 mm	-	3780 5074 00	-	-	-
Ø 125 mm	-	-	3780 5074 61	-	-
Ø 180 mm	-	-	-	3780 5074 62	-
<b>Spot suction kit for Diamond cutting wheel</b>					
Ø 125 mm (cutting depth 30 mm)	-	-	3780 4008 74*	-	-
<b>Spot suction kit for depressed center wheel</b>					
Ø 125 mm wheel kit	-	3780 4008 70	3780 4008 73*	-	1
Adapter UNF 3/8" UNC 5/8" (incl. in kit)	-	4021 0457 00	-	-	-
Nut 5/8" (incl. in kit)	-	3780 2722 00	-	-	-
<b>Add on spot suction</b>					
Ø 115-125 mm	-	3780 4032 14	3780 4032 14	-	-
Ø 180-230 mm	-	-	-	3780 4032 12	-
<b>Alu-cut guard kit</b>					
Saw blade, Ø 125 mm for cutting applications, 30 teeth, 2 mm thick	-	-	4112 1166 90	-	-
Saw blade, Ø 125 mm for milling applications, 6 teeth, 4 mm thick	-	-	4112 1164 00	-	-
Saw blade, Ø 125 mm for milling applications, 6 teeth, 4 mm thick	-	-	4112 1162 00	-	-
MultiFlex	8202 1350 20	8202 1350 22	8202 1350 24	8202 1350 60	5

\*Only for LSV38 D120, 8423 0800 02



# Productivity Kits

Model	Air inlet BSP	Economical air flow	Max hose, 5 m	Coupling	Lubrication	Ordering No.
MIDI Optimizer F/RD EQ10-R13-W, incl. whip hose	3/8"	21 l/s	Rubair 13 mm	ErgoQIC 10	Yes	8202 0850 14
MIDI Optimizer F/RD EQ10-R13-W, incl. whip hose	-	21 l/s	Rubair 13 mm	ErgoQIC 10	Yes	8202 0850 15
MIDI Optimizer F/RD EQ10-T13	3/8"	21 l/s	Turbo 13 mm	ErgoQIC 10	Yes	8202 0850 17
MIDI Optimizer F/R EQ10-T13	1/2"	21 l/s	Turbo 13 mm	ErgoQIC 10	No	8202 0850 04
MIDI Optimizer F/RD EQ10-T13	1/2"	21 l/s	Turbo 13 mm	ErgoQIC 10	Yes	8202 0850 13
MIDI Optimizer F/RD EQ10-T16	1/2"	31 l/s	Turbo 16 mm	ErgoQIC 10	Yes	8202 0850 12

# Grinders

for cup wheels & wire brushes



GTG40

For rough grinding on open surfaces with cup wheels or wire brushes. Applications of this type call for tools with high power outputs.

**GTG40** is powered by a turbine motor, which gives an extremely high power-to-weight ratio compared to a vane motor. In addition, the efficiency of a turbine motor is much higher and reduces energy consumption for the same specific job by up to 40% compared to a conventional vane grinder.

**LSS** vertical grinders have a rigid design that gives reliability and long service intervals.

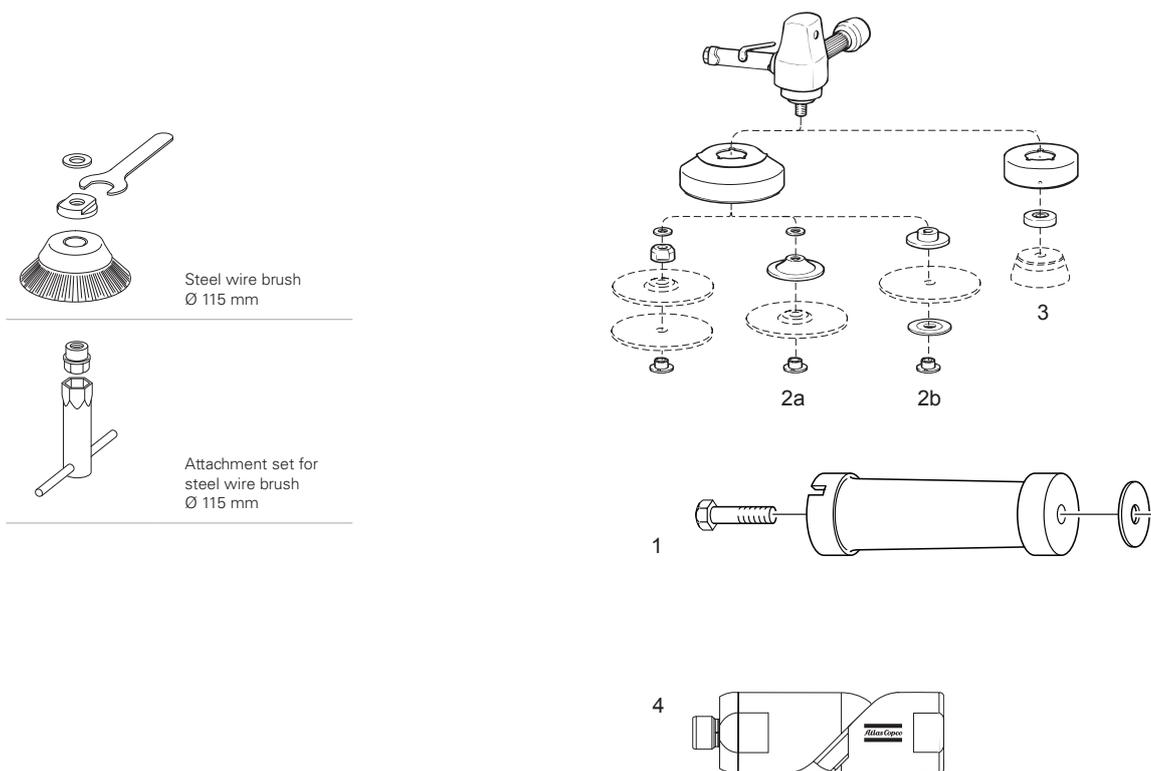


LSS64

Model	Max free speed r/min	Max output kW	Max cup wheel diameter mm	Max brush diameter mm	Spindle thread	Spindle length mm	Weight kg	Height over spindle mm	Air consumption at max output l/s	Air consumption at free speed l/s	Rec hose size mm	Air inlet thread BSP	Ordering No.
GTG40 F072-C13	7200	4.5	125	-	UNC 5/8"	16	4.1	100	60	20	16	1/2"	8423 2930 30
GTG40 S060	6000	4.5	-	140	UNC 5/8"	23	3.6	132	60	20	16	1/2"	8423 2930 00
GTG40 S060-C15	6000	4.5	150	-	UNC 5/8"	16	4.3	126	60	20	16	1/2"	8423 2930 10
LSS53 S060	6000	1.2	-	115	UNC 5/8"	30	2.3	180	24	7	13	1/2"	8423 2530 23
LSS53 S060-M14	6000	1.2	-	115	M14	31	2.3	180	24	7	13	1/2"	8423 2530 27
LSS53 S072-C13	7200	1.3	125	-	UNC 5/8"	30	3.1	180	26	8	13	1/2"	8423 2534 12
LSS64 S060-C15	6000	2.2	150	140	UNC 5/8"	29	5.0	201	40	9	16	1/2"	8423 2641 04

## Accessories

Accessories Grinders	GTG40	LSS53	LSS64	See illustration
Support handle	4110 1355 88	-	4170 0619 00	1
Vibration damped handle	4150 1521 80	-	-	-
Adapter kit for fiber disc	4175 0238 90	-	-	-
Steel wire brush Ø115 mm for 5/8" spindle	-	4170 0491 00	4170 0491 00	-
Attachment set for Ø115 mm wire brush	-	4170 0459 81	4170 0459 81	-
Attachment set for cup wheel with plane hole	4175 0178 90	-	-	-
Wheel friction plate	4175 0186 90	-	-	-
Flange kit 5/8" for depressed center wheel	-	4170 0219 87	4171 0219 87	2a
Flange kit 5/8" for cut off wheel	-	4170 1133 87	-	2b
Flange kit for cup wheel ( Ø125mm, incl. wheel guard)	-	4170 0664 80	-	3
Flange kit for cup wheel ( Ø150mm, incl. wheel guard)	-	-	4170 0652 80	3
MultiFlex	8202 1350 60	8202 1350 60	8202 1350 60	4



## Productivity Kits

Model	Air inlet BSP	Economical air flow	Max hose, 5 m	Coupling	Lubrication	Ordering No.
MIDI Optimizer F/RD EQ10-R13-W, incl. whip hose	3/8"	21 l/s	Rubair 13 mm	ErgoQIC 10	Yes	8202 0850 14
MIDI Optimizer F/RD EQ10-R13-W, incl. whip hose	-	21 l/s	Rubair 13 mm	ErgoQIC 10	Yes	8202 0850 15
MIDI Optimizer F/RD EQ10-T13	3/8"	21 l/s	Turbo 13 mm	ErgoQIC 10	Yes	8202 0850 17
MIDI Optimizer F/R EQ10-T13	1/2"	21 l/s	Turbo 13 mm	ErgoQIC 10	No	8202 0850 04
MIDI Optimizer F/RD EQ10-T13	1/2"	21 l/s	Turbo 13 mm	ErgoQIC 10	Yes	8202 0850 13
MIDI Optimizer F/RD EQ10-T16	1/2"	31 l/s	Turbo 16 mm	ErgoQIC 10	Yes	8202 0850 12
MAXI F/R C-T16	1/2"	43 l/s	Turbo 16 mm	Claw	No	8202 0850 05
MAXI F/RD C-T20	1/2"	65 l/s	Turbo 20 mm	Claw	Yes	8202 0850 20

# Straight Grinders

## for straight wheels

Straight grinders are normally used when grinding inside larger cavities or on open surfaces.

**GTR 40** is the most powerful straight grinder in our range. The power of the turbine makes it one of the best in its class.

**LSR 43/48/64** tools are durable and ideal for tougher applications. The LSR 48 has an Autobalancer as standard to minimize vibrations.

**LSR 28** is for lighter applications where accessibility is the first priority. A highly efficient dampening system minimizes vibration.



GTR40



LSR28



LSR43



LSR48

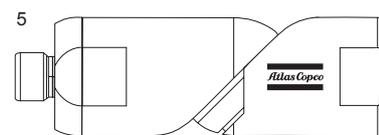
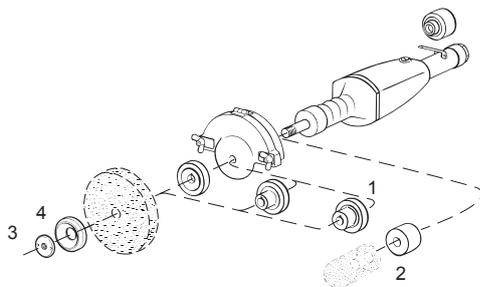


LSR64

Model	Max free speed r/min	Max output kW	Max wheel dia mm	Max brush dia mm	Length mm	Weight kg	Spindle thread	Spindle length mm	Air consumption at max output l/s	Air consumption at free speed l/s	Rec hose size mm	Air inlet thread BSP	Auto balancer	Ordering No.
GTR40 S060-15	6000	4.5	150	-	563	5.8	UNC 5/8"	22	60.0	20.0	16	1/2"	-	8423 2952 00
GTR40 S060-20	6000	4.5	200	-	563	5.8	UNC 5/8"	22	60.0	20.0	16	1/2"	-	8423 2954 00
GTR40 S072-13	7200	4.5	125	-	563	5.6	UNC 5/8"	22	60.0	20.0	16	1/2"	-	8423 2951 00
GTR40 S085-15	8500	4.5	150	-	563	5.6	UNC 5/8"	22	60.0	20.0	16	1/2"	-	8423 2950 00
LSR28 S110-08	11000	0.62	80	-	340	1.9	UNF 3/8"	42	15.8	3.6	13	1/2"	-	8423 1325 03
LSR28 S150-10	15000	0.70	100	-	340	2.2	UNC 1/2"	42	18.0	5.8	13	1/2"	-	8423 1325 02
LSR28 S180-05	18000	0.82	50	-	340	1.9	UNF 3/8"	42	19.8	7.3	13	1/2"	-	8423 1325 04
LSR43 S090-10	9000	0.8	100	-	460	2.4	UNC 1/2"	49	18.0	5.0	13	1/2"	-	8423 1430 18
LSR43 S120-08	12000	0.9	80	-	460	2.5	UNC 1/2"	49	20.0	7.0	13	1/2"	-	8423 1430 26
LSR43 S150-10	15000	1.0	100	-	460	2.8	UNC 1/2"	49	23.0	10.0	13	1/2"	-	8423 1430 34
LSR48 S090-10	9000	1.5	100	-	495	3.2	UNC 1/2"	37	28.0	11.0	16	1/2"	●	8423 1430 02
LSR48 S120-10	12000	1.8	100	-	495	3.5	UNC 5/8"	49	30.0	13.0	16	1/2"	●	8423 1430 09
LSR48 S120-13	12000	1.8	125	-	487	3.6	UNC 5/8"	42	30.0	13.0	16	1/2"	●	8423 1430 06
LSR64 S060-15	6000	2.3	150	-	535	5.4	UNC 5/8"	55	41.0	11.0	16	1/2"	-	8423 1640 22
LSR64 S072-13	7200	2.5	125	-	535	5.4	UNC 5/8"	55	45.0	14.0	16	1/2"	-	8423 1640 30
LSR64 S100-15	10000	2.9	150	-	535	5.8	UNC 5/8"	55	53.0	26.0	16	1/2"	-	8423 1640 55
<b>For wire brushes</b>														
LSR64 S041	4100	1.6	-	140	535	5.4	UNC 5/8"	55	29.0	7.0	16	1/2"	-	8423 1640 14

## Accessories

Accessories Straight Grinders	GTR 40	LSR 28 UNF 3/8"	LSR 28 UNC 1/2"	LSR 43	LSR 48 UNC 1/2"	LSR 48 UNC 5/8"	LSR 64	See illustration
Flange nut	4150 0670 00	4150 1269 01	4150 1269 02	4150 0776 00	4150 0776 00	4150 0670 00	4150 0670 00	3
Front washer	4150 0671 00	4150 1270 01	4150 1270 02	4150 0731 00	4150 0731 00	4150 0671 00	4150 0671 00	4
Locking kit	4170 1188 90	-	-	-	-	-	-	
Rear flange for 0-25x13 mm wheel (WxH)	-	-	-	4150 0732 00	-	-	-	1
Rear flange for 0-25x16 mm wheel (WxH)	-	-	-	-	4150 0732 01	-	-	1
Rear flange for 25x16 mm wheel (WxH)	-	-	-	-	4150 0732 02	-	-	1
Rear flange for 25x20 mm wheel (WxH)	-	-	-	4150 0881 00	4150 0732 03	-	-	1
Rear flange for 25x25 mm wheel (WxH)	-	-	-	-	4150 0732 04	-	-	1
Rear flange for 13x10 mm wheel (WxH)	-	4150 1268 01	-	-	-	-	-	1
Rear flange for 13x20 mm wheel (WxH)	-	-	4150 1271 01	-	-	-	-	1
Rear flange for 20-25x16 mm wheel (WxH)	4150 0619 00	-	-	-	-	4150 0619 00	4150 0619 00	1
Rear flange for 20-25x20 mm wheel (WxH)	4150 1650 00	-	-	-	-	4150 1650 00	-	1
Rear flange for 20-25x25 mm wheel (WxH)	4150 0713 00	-	-	-	-	4150 0713 00	-	1
Rear flange for 20-25x32 mm wheel (WxH)	4150 0620 00	-	-	-	-	4150 0620 00	4150 0620 00	1
Spacer for cone wheel	4150 0787 00	-	-	-	-	4150 0787 00	4150 0787 00	2
Steel wire brush Ø115 mm for 5/8" spindle	-	-	-	-	-	-	4170 0491 00	
Attachment set for Ø115 mm wire brush	-	-	-	-	-	-	4170 0459 81	
MultiFlex	8202 1350 60	8202 1350 60	8202 1350 60	8202 1350 60	8202 1350 60	8202 1350 60	8202 1350 60	5



## Productivity Kits

Model	Air inlet BSP	Economical air flow	Max hose, 5 m	Coupling	Lubrication	Ordering No.
MIDI Optimizer F/RD EQ10-R13-W, incl. whip hose	3/8"	21 l/s	Rubair 13 mm	ErgoQIC 10	Yes	8202 0850 14
MIDI Optimizer F/RD EQ10-R13-W, incl. whip hose	-	21 l/s	Rubair 13 mm	ErgoQIC 10	Yes	8202 0850 15
MIDI Optimizer F/RD EQ10-T13	3/8"	21 l/s	Turbo 13 mm	ErgoQIC 10	Yes	8202 0850 17
MIDI Optimizer F/R EQ10-T13	1/2"	21 l/s	Turbo 13 mm	ErgoQIC 10	No	8202 0850 04
MIDI Optimizer F/RD EQ10-T13	1/2"	21 l/s	Turbo 13 mm	ErgoQIC 10	Yes	8202 0850 13
MIDI Optimizer F/RD EQ10-T16	1/2"	31 l/s	Turbo 16 mm	ErgoQIC 10	Yes	8202 0850 12
MAXI F/R C-T16	1/2"	43 l/s	Turbo 16 mm	Claw	No	8202 0850 05
MAXI F/RD C-T20	1/2"	75 l/s	Turbo 20 mm	Claw	Yes	8202 0850 20

# Straight Grinders

for cone wheels



LSR38 CW

Straight grinders with cone wheels or collets are suitable for grinding or smoothing of edges, welds, holes and cavities.

**LSR 43/48** tools are durable and ideal for tougher applications. The LSR 48 has an Autobalancer as standard to minimize vibrations.

**LSR 28/38** is for lighter applications where accessibility and finish are first priority.



LSR28 CW



LSR48 CW



LSR43 CW

Model	Max free speed r/min	Max output kW	Length mm	Weight kg	Air consumption at max output l/s	Air consumption at free speed l/s	Rec hose size mm	Air inlet thread BSP	Auto balancer	Scatter damped	Ordering No.
LSR28 S120-CW	12000	0.7	304	1.2	16	4	13	3/8"	-	●	8423 1325 05
LSR28 S150-CW	15000	0.7	304	1.2	18	6	13	3/8"	-	●	8423 1325 06
LSR38 S150-CW	15000	1.25	323	1.5	24	13	13	3/8"	-	-	8423 1232 31
LSR38 S180-CW	18000	1.35	323	1.5	28	15	13	3/8"	-	-	8423 1232 30
LSR43 S120-30	12000	0.9	438	2.0	20	7	13	1/2"	-	-	8423 1432 24
LSR43 S150-30C*	15000	1.0	503	2.1	23	10	13	1/2"	-	-	8423 1432 33
LSR48 S090-CW	9000	1.5	450	2.3	28	11	16	1/2"	●	-	8423 1430 03
LSR48 S120-CW	12000	1.8	450	2.3	30	13	16	1/2"	●	-	8423 1430 05
LSR48 S150-CW	15000	2.0	450	2.3	35	19	16	1/2"	●	-	8423 1430 08

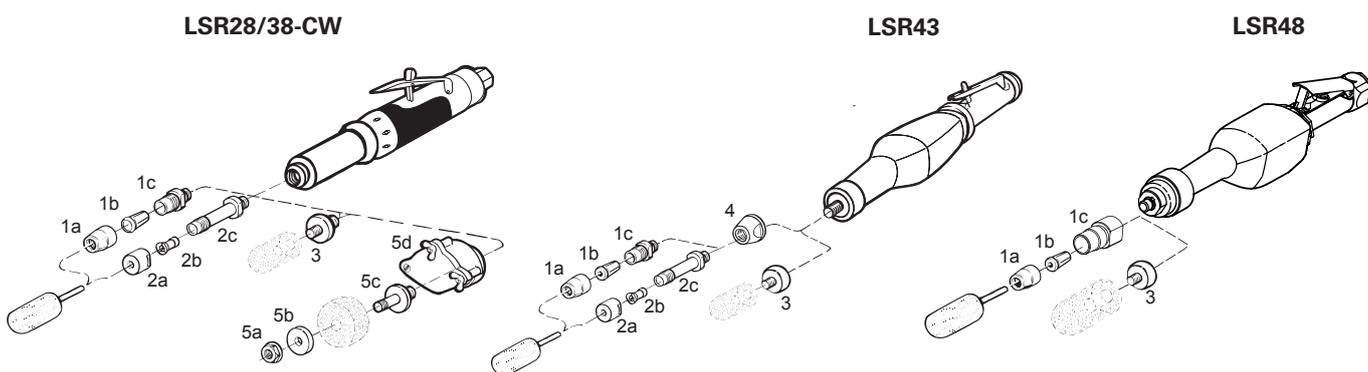
\*With collet attachment

# Accessories

Model	LSR28	LSR38	LSR43	LSR48	See illustration
<b>Adapter for cone with thread</b>					
UNC/W 3/8"	4150 0318 00	4150 0318 00	4150 0943 00	-	3
UNF 3/8"	4150 0318 01	4150 0318 01	4150 0943 01	-	3
UNC 1/2"	4150 1357 00	4150 1357 00	4150 0944 00	-	3
UNC/W 5/8"	4150 0767 00	4150 0767 00	4150 0945 00	4150 0945 01*	3
<b>Collet type</b>					
Nut	4150 0849 00	4150 0849 00	4150 0849 00	4150 0849 00	1a
Collet Ø 6 mm	4150 1453 00	4150 1453 00	4150 1453 00	4150 1453 00	1b
Collet Ø 8 mm	4150 0706 00	4150 0706 00	4150 0706 00	4150 0706 00	1b
Collet Ø 9 mm	4150 0765 00	4150 0765 00	4150 0765 00	4150 0765 00	1b
Collet Ø 10 mm	4150 0681 00	4150 0681 00	4150 0681 00	4150 0681 00	1b
Collet Ø 1/4"	4150 1754 00	4150 1754 00	4150 1754 00	4150 1754 00	1b
Collet holder	4150 0680 00	4150 0680 00	4150 0680 00	4150 0680 01	1c
Adapter to mount collet holder on tool			4150 0861 00		4
<b>Collet type</b>					
Nut	4150 0221 00	4150 0221 00	4150 0221 00	-	2a
Collet Ø 6 mm	4150 0222 00	4150 0222 00	4150 0222 00	-	2b
Collet Ø 8 mm	4150 0325 00	4150 0325 00	4150 0325 00	-	2b
Collet Ø 1/4"	4150 0223 00	4150 0223 00	4150 0223 00	-	2b
Collet holder 90 mm	4150 0441 00	4150 0441 00	4150 0441 00	-	2c
Collet holder 45 mm	4150 0211 00	4150 0211 00	4150 0211 00	-	2c
Adapter to mount collet holder on tool			4150 0861 00	-	4
<b>For use with Straight wheels</b>					
Nut	0266 2111 00	0266 2111 01	-	-	5a
Flange	4106 5938 00	4106 5938 00	-	-	5b
Rear flange for 50-100x25x20 mm wheel	-	-	4150 0881 00	-	-
Holder for 50x19x10 mm wheels	4150 0212 00	4150 0212 00	-	-	5c
Holder for 50x13x10 mm wheels	4150 1145 00	4150 1145 00	-	-	5c
Wheel guard	4150 1299 81	4150 1299 81	-	-	5d
MultiFlex	8202 1350 22	8202 1350 22	8202 1350 24	8202 1350 60	-

NOTE: Adapters are not included with the tool, and need to be ordered to attach a cone wheel.

\*LSR48 has UNC 1/2" spindle for direct attachment of a cone wheel. For UNC 5/8" spindle or collet use an adapter (not included).



# Productivity Kits

Model	Air inlet BSP	Economical air flow	Max hose, 5 m	Coupling	Lubrication	Ordering No.
MIDI Optimizer F/RD EQ10-R13-W, incl. whip hose	3/8"	21 l/s	Rubair 13 mm	ErgoQIC 10	Yes	8202 0850 14
MIDI Optimizer F/RD EQ10-R13-W, incl. whip hose	-	21 l/s	Rubair 13 mm	ErgoQIC 10	Yes	8202 0850 15
MIDI Optimizer F/RD EQ10-T13	3/8"	21 l/s	Turbo 13 mm	ErgoQIC 10	Yes	8202 0850 17
MIDI Optimizer F/R EQ10-T13	1/2"	21 l/s	Turbo 13 mm	ErgoQIC 10	No	8202 0850 04
MIDI Optimizer F/RD EQ10-T13	1/2"	21 l/s	Turbo 13 mm	ErgoQIC 10	Yes	8202 0850 13
MIDI Optimizer F/RD EQ10-T16	1/2"	31 l/s	Turbo 16 mm	ErgoQIC 10	Yes	8202 0850 12