



Atlas Copco



Material removal tools catalogue

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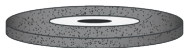








Selecting the right Atlas Copco grinder and sander for your application

The technological parameters that most significantly influence grinding and sanding operations are the **rotational speed of the tool** (shank, cup and depressed centre grinding wheels, rotary files, abrasive discs, brushes, etc.) and the **power of the grinder or sander**. These parameters are related to the **type of material** being worked on and the required finish standard. The following table indicates the most common operations to be carried out and the tools used to determine the best grinder or sander for your needs.

When making a choice, it is essential to ensure that the maximum speed of the grinder/sander **does not exceed** the speed indicated on the abrasive tool.

Grinding and sanding operations require special care, making it crucial for the operator to thoroughly read the **Safety Information** supplied with the tool before installation, use, maintenance, or repair.

To guarantee the highest safety standards, in addition to choosing a grinder or sander that complies with all current safety regulations, as is the case with Atlas Copco tools, it is also necessary to ensure the use of all relevant **personal protective equipment**, such as protective glasses, dust masks, ear protectors, safety shoes, and padded gloves.

Operation	Abrasives (for the highly recommended option)	Recommended power range (watt)	Recommended free speed (rpm) range	Highly recommended options			
				Precision grinding	Rough grinding and cutting		Surface sanding and polishing
					Vane grinders	Turbine angle grinders	
Grinding, Sanding							
Small sanding, deburring, finishing etc..	Rushed shank grinding burrs 	240÷1800	13500÷70000	✓✓	-	-	-
Sanding, finishing, polishing etc.	Diamond points 	240÷1800	13500÷70000	✓✓	-	-	-
Roughing, internal and external deburring etc.	Disc grinding wheels 	1500÷2900	6000÷12000	-	✓✓	-	-
Removing rust, lapping welding beads, chamfering etc.	Depressed centre discs 	300÷4500	6000÷12000	-	✓	✓✓	-
Milling							
Milling, chamfering, grooving, deburring etc.	Rotary files 	240÷1800	13500÷70000	✓✓	-	-	-
Cutting							
Cutting off ingates, risers, castings, tubes, iron reinforced concrete, stones and cement etc.	Depressed centre discs 	300÷4500	6000÷12000	-	✓	✓✓	-
Sanding and Polishing							
Sanding bodywork, removing light rust, paint, etc.	Flex. and flap abrasive discs 	300÷4500	6000÷12000	-	-	-	✓✓
Wet sanding of large areas of bodywork.	Rid-textured abrasive discs 	300÷800	max 4500	-	✓	-	✓✓
Removing rust and paint, descaling small areas, removing manufacturing scrap, deburring etc.	Wire, and radial abrasive paper flap brushes 	400÷2500	6000÷15000	✓✓	✓	-	-
Sanding plastics, shaping and sanding wood, etc.	Sisal brushes 	300	3000	✓✓	-	-	-
High-sheen polishing of surfaces etc.	Sheepskin pads 	300÷800	1300÷4200	-	✓✓	-	-

Highly Recommended

Recommended

Selecting the right Atlas Copco percussive tool for your application

Selecting the right percussive tool for the application is crucial for performance. Once you have made the choice, productivity is kept high. Now you just need to know how to choose.

The key to **high productivity** is understanding what tool specifications can do for performance and how they can be translated to optimize your process.

Chipping hammers and **scalers** are widely used in all kinds of metalworking, construction, and other industrial areas. The workpiece can be metal in different forms (cast, welded, sheet, etc.), concrete, stone, or other materials. Typical applications for chipping hammers include cutting, de-burring, cleaning, hole-making, edge cutting, and light demolition.

Percussive tools require special care, making it crucial for the operator to thoroughly read the **Safety Information** supplied with the tool before installation, use, maintenance, or repair.

To guarantee the highest safety standards, in addition to choosing a percussive tool that complies with all current safety regulations, as is the case with Atlas Copco tools, it is also necessary to ensure the use of all relevant **personal protective equipment**, such as protective glasses, ear protectors, safety shoes, and padded gloves.

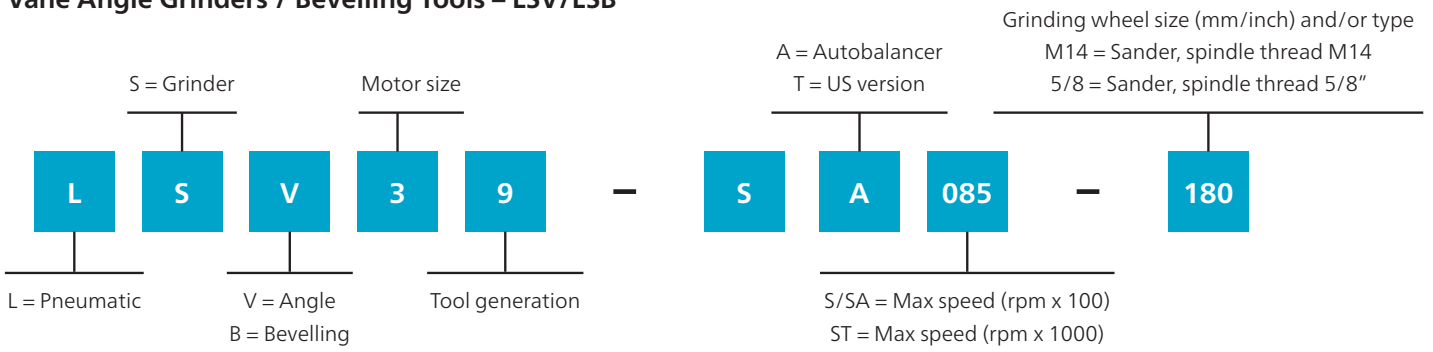
Operation	Scaler	Light chipping hammer	Medium chipping hammer	Large chipping hammer
Slagging welds	✓✓	✓	-	-
Fettling castings	-	✓✓	✓✓	✓✓
Joint and root chipping	-	-	✓✓	✓✓
Sheet-metal cutting	-	✓✓	✓✓	-
Rust and paint removal	✓✓ (needle scaler)	✓	-	-
Hole-making or light demolition	-	-	✓✓	-
Trimming concrete	✓	✓✓	-	-

Highly Recommended

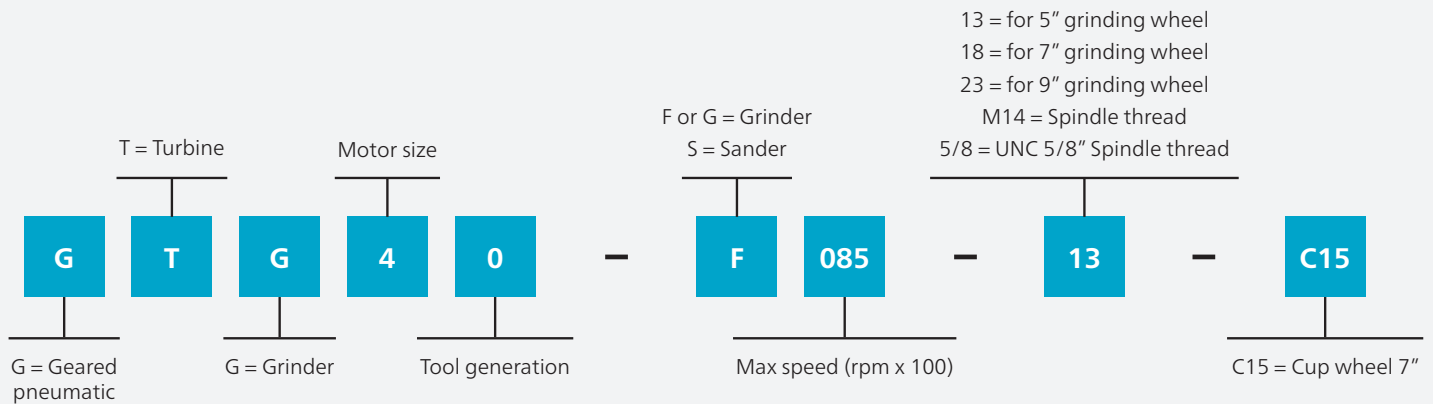
Recommended

Precision Grinding | Rough Grinding and Cutting | Surface Sanding and Polishing

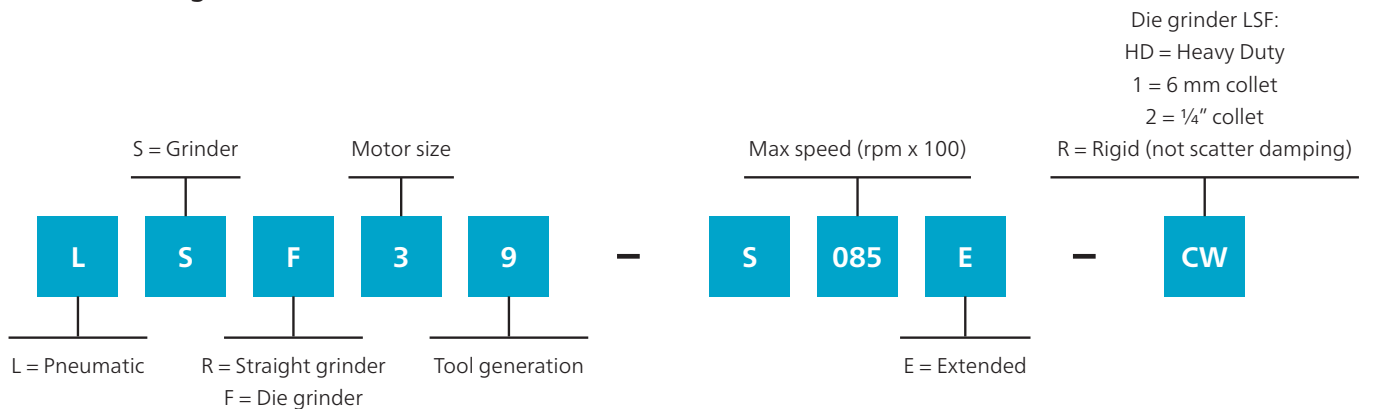
Vane Angle Grinders / Bevelling Tools – LSV/LSB



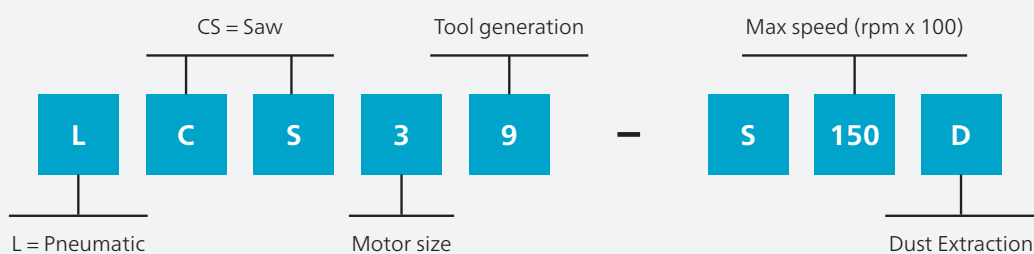
Turbine Grinders – GTG



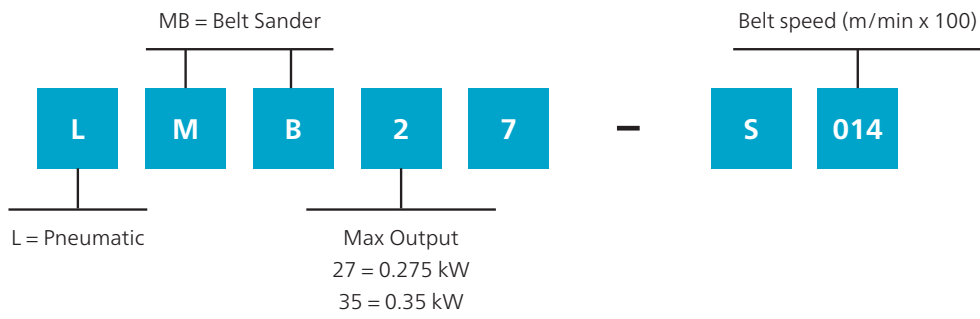
Die Grinders / Straight Grinders – LSF/LSR



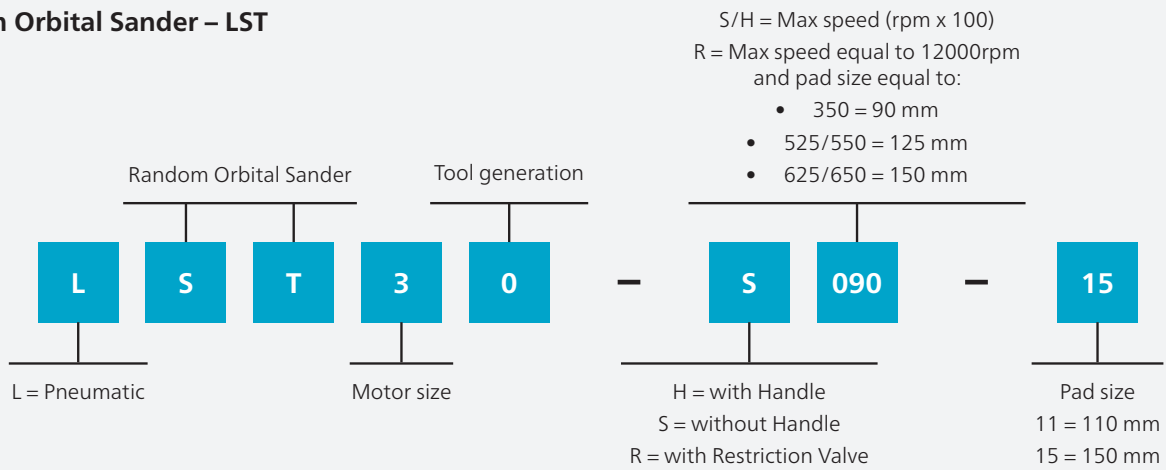
Circular Cutter - LCS



Belt Sander- LMB

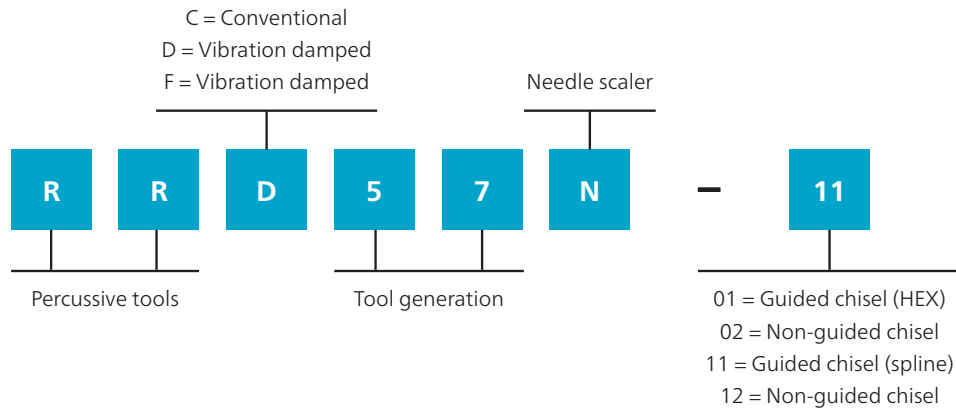


Random Orbital Sander – LST

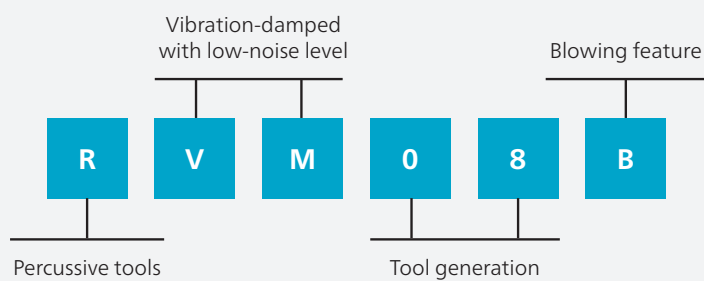


Percussive

RRC/RRD/RRF



RVM





Precision Grinding

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Rough Grinding and Cutting

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Surface Sanding and Polishing

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Percussive

Pg no. 91

Precision Grinding



Purpose

Precision grinding, also known as die grinding, is performed with handheld tools to remove material from small areas, cavities, or other confined spaces. Typical operations include creating cavities in a die and removing excess material from narrow welds. Other precision tasks include deburring cast or cut pieces of any material, such as beveling and grinding grooves.



Tool Types

Die grinders are designed for precision work. These are ungeared, high-speed tools with a collet chuck, often referred to as collet grinders. Die grinders weigh about 1 kg and are relatively small and light compared to tools for rough grinding, with a limited output of up to 800W. They come in straight (short/extended) or angle (angle-head) versions, depending on the location of the area to be ground and the operator's preference.



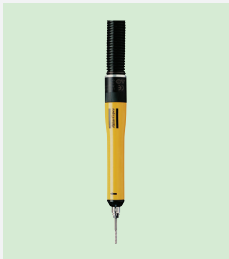
Settings: Rotational Speeds

Speeds for precision grinding range from 20,000 to 100,000 rpm, depending on the material, shape of the burr, and workpiece. Finer, more precise operations require higher speeds and smaller burrs. The operation determines the size of the abrasive, which in turn determines the rotational speed. Choosing the right power level is crucial, balancing power requirements against increased weight. Handheld die grinders typically have a power rating of up to 800W.



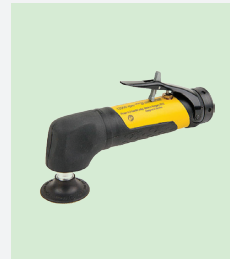
Technique

Each time a "tooth" of the burr or an abrasive grain touches the workpiece, it removes a chip. The size of the chip depends on several factors: the size of the "tooth" or grain, the hardness of the materials, rotational speed, and feed force. The operator should avoid applying excessive force that could cause the bit to jam and the tool to stall. Keeping the surface area of the workpiece in contact with the abrasive as small as possible provides greater control over the tool and increases contact pressure, resulting in a higher material removal rate. Rough treatment can easily damage abrasives, particularly die grinding burrs. High burr consumption will negatively impact grinding economy.



High-Speed Grinding Pencil

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Angle Die Grinders with Collet

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Straight Die Grinders

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Straight Extended Die Grinders

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High-Speed Grinding Pencil

High Precision and Speed: The high-speed grinding pencil operates at high speeds, allowing for precise and efficient engraving or marking on various surfaces.

Description

The high-speed grinding pencil is a small, lightweight, pen-shaped tool designed for easy one-handed operation. Light and compact, it is designed to effortlessly achieve precision grinding tasks on almost any surface and material, including glass, stone, and metal. Our grinding pencil's compact design ensures comfortable use, even during extended engraving tasks.

Features

- Small and compact
- Lightweight
- Ergonomic design

Benefits

- High-Precision
- Excellent operator comfort and accessibility
- Optimized process speed



LSF07

Pg no. 12

LSF07

Precision Grinding
High-Speed Grinding Pencil



Model	Max free speed r/min	Max output kW	Collet size mm	Length mm	Weight kg	Air consumption at max output l/s	Air consumption at free speed l/s	Rec hose size mm	Scatter damped	Ordering No.
LSF07 S850	88000	0.10	3	173	0.4	2.2	2.3	4.5	No	8423 1222 03

Accessories

Description	Ordering No.
Included	
Collet (3mm - For all countries except North America)	4150 1800 00
Collet (1/8" - For North America only)	4150 1822 00
Open-end spanner	4150 1821 90
Hose kit (4.5mm (3/16))	4150 1820 90
Optional	
Hose kit (PVC 10. D= 10 mm (3/8"), L=5 m (16 ft). Incl. ErgoQIC 08 / ErgoNIP 10)	8202 1180 30
MIDI-FRL-1/2-BSP EQ08-C06-1/8	8202 0850 10

Angle Die Grinders with Collet

Precision and versatility in narrow and cramped spaces: Angle die grinders with collets offer exceptional control and adaptability for detailed work in confined areas.

Description

Experience unparalleled precision and control with our range of precision grinders - angle die grinders with collets. Designed for applications requiring high surface finish and excellent accessibility, these tools excel in tight spaces while ensuring operator comfort and efficiency. Featuring powerful motors, integrated speed governors, and ergonomic designs, our angle die grinders with collets deliver optimal performance and minimal maintenance. Perfect for a variety of tasks, from detailed grinding to fine sanding, our range of precision grinders offer the ultimate blend of power, precision, and comfort.



Features

- High speed (up to 20000RPM)
- Integrated speed controlled governor
- Compact and robust design
- Lightweight and easy-to-handle design
- Secure collet system
- Lever equipped with the safety clutch

Benefits

- Optimal process speed for different applications
- High productivity
- Long-lasting performance and reliability
- Excellent operator comfort and accessibility
- Minimum sound levels



LSV12

Pg no. 14



LSV19

Pg no. 15



LSV29

Pg no. 17

LSV12

Precision Grinding
Angle Die Grinders with Collet



Model	Max free speed r/min	Max output kW	Collet size mm	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	Recom. pad size max dia mm	Height over spindle mm	Ordering No.
LSV12 S120-1	12000	0.24	6	166	0.5	8.3	3.0	8	1/4	75	76	8423 1124 05
LSV12 S200-1	20000	0.29	6	166	0.5	9.5	6.4	8	1/4	50	76	8423 1124 06

Accessories

	8423 1124 05	8423 1124 06	Ordering No.
Included			
Open-end spanner (A/F 11mm)	✓	✓	4150 2226 14
Open-end spanner (A/F 17mm)	✓	✓	4150 2226 13
Collet (Ø5.55 to 6.35 mm - Ø1/4")	✓	✓	4150 2226 03
Optional			
Hose kit (Cablair 08; 8 mm (5/16"), L = 0.9 m (L = 3 ft))	✓	✓	4150 1689 80
Collet (Ø7/32")	✓	✓	4150 2226 49
Collet (Ø3mm - Ø1/8")	✓	✓	4150 2226 46
Collar	✓	✓	4150 2226 02
Collet holder	✓	✓	4150 2226 21
Collet nut	✓	✓	4150 2226 04
Productivity kit (MIDI-FRL-1/2-BSP EQ08-C10)	✓	✓	8202 0850 03
MULTIFLEX-1/4-NPT (For North America)	✓	✓	8202 1350 26
MULTIFLEX-1/4 cover	✓	✓	8202 1350 41
MULTIFLEX-1/4	✓	✓	8202 1350 20

LSV19

Precision Grinding
Angle Die Grinders with Collet



Model	Max free speed r/min	Max output kW	Collet size mm	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 in	Recom. pad size max dia mm	Height over spindle mm	Ordering No.
LSV19 S200-1	20000	0.46	6	186	0.6	11.3	7.5	10	1/4	50	78	8423 0111 41
LSV19 S120-1	12000	0.46	6	186	0.6	11.3	7.5	10	1/4	75	78	8423 0111 43
LSV19 S080-1	8000	0.37	6	186	0.6	11.3	6.5	10	1/4	75	78	8423 0111 46
LSV19 S200-1F	20000	0.46	6	185	0.6	11.3	7.5	10	1/4	50	78	8423 0111 47

Accessories

	8423 0111 41	8423 0111 43	8423 0111 46	8423 0111 47	Ordering No.
Included					
Hose (Soft type, Ø38, L = 1 m)	✓	✓	✓	✓	4150 1314 02
Collet (Ø6mm)	✓	✓	✓	✓	4150 0075 00
Optional					
Hose kit (Cablair 10; 10 mm, L = 0.7 m)	✓	✓	✓	✓	8202 1180 19
Syringe, filled with grease (RHENUS LKR03, 20 ml)	✓	✓	✓	✓	4081 0530 90
Collet (Ø3mm)	✓	✓	✓	✓	4150 0081 00
Collet (Ø8mm - Ø5/16")	✓	✓	✓	✓	4150 0074 00
Collet (Ø5mm)	✓	✓	✓	✓	4150 0075 01
Collet (Ø1/4")	✓	✓	✓	✓	4150 0076 00
Collet (Ø3/16")	✓	✓	✓	✓	4150 0649 00
Collet (Ø1/8")	✓	✓	✓	✓	4150 0082 00
Collet (Ø5/32")	✓	✓	✓	✓	4150 0648 00
Wheel guard	-	-	-	✓	4150 1157 00

Accessories

	8423 0111 41	8423 0111 43	8423 0111 46	8423 0111 47	Ordering No.
Optional					
Screws for wheel guard (x3)	-	-	-	✓	0226 0326 00
Collet nut	✓	✓	✓	✓	4150 0760 00
MULTIFLEX-1/4 cover	✓	✓	✓	✓	8202 1350 41
MULTIFLEX-1/4-NPT (For North America)	✓	✓	✓	✓	8202 1350 26
MULTIFLEX-1/4	✓	✓	✓	✓	8202 1350 20
Productivity kit (MIDI-FRL-1/2-BSP EQ08-C10)	✓	✓	✓	✓	8202 0850 03
Spot suction kit for fiber disc (Ø50 - 75 mm)	✓	✓	✓	✓	3780 4092 62
Spot suction kit drum (diamond drum not incl). To be used with 6 mm collet	✓	✓	✓	✓	3780 4011 61
Diamond drum Ø27 mm	✓	✓	✓	✓	3780 5033 00
Diamond cylinder kit Ø 27mm	✓	✓	✓	✓	3780 5033 01

LSV29

Precision Grinding
Angle Die Grinders with Collet



Model	Max free speed r/min	Max output kW	Collet size mm	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 in	Scatter damped	Ordering No.
LSV29 S150	15000	0.7	6	250	1.2	21	8	13	3/8	No	8423 0127 40

Accessories

	8423 0127 40	Ordering No.
Included		
Open-end spanner (A/F 14mm)	✓	4080 0153 00
Hose (Soft type, Ø38, L = 1 m)	✓	4150 1314 02
Collet (Ø6mm)	✓	4150 0075 00
Optional		
Hose kit (Cablair 10; 10 mm, L = 0.9 m)	✓	4150 1617 80
Syringe, filled with grease (RHENUS LKR03, 20 ml)	✓	4081 0530 90
Collet (Ø3mm)	✓	4150 0081 00
Collet (Ø8mm - Ø5/16")	✓	4150 0074 00
Collet (Ø5mm)	✓	4150 0075 01
Collet (Ø1/4")	✓	4150 0076 00
Collet (Ø3/16")	✓	4150 0649 00
Collet (Ø1/8")	✓	4150 0082 00
Collet (Ø5/32")	✓	4150 0648 00
Collet holder and collet nut	✓	4110 0844 90
Collet nut	✓	4150 0760 00
Cone wheel adapter (UNF 3/8)	✓	4150 2326 85
MULTIFLEX-3/8 cover	✓	8202 1350 42
MULTIFLEX-3/8-NPT (For North America)	✓	8202 1350 28
MULTIFLEX-3/8	✓	8202 1350 22

Straight Die Grinders

Unmatched Power, Productivity, and Comfort in narrow and cramped spaces.

Description

Straight die grinders are engineered to deliver exceptional power for efficient material removal and high productivity. Their robust motors provide consistent, high-speed performance, making them ideal for demanding tasks.

Combined with ergonomic designs, the straight die grinders ensure user comfort and reduce fatigue, allowing for extended use without compromising on precision or quality. The ergonomic features, such as scatter dampening, comfortable grips and balanced weight distribution, enhance operator comfort and control, making even prolonged tasks more manageable. Besides, these features improve the quality and lifespan of carbide burrs. Perfect for a variety of applications, these straight die grinders are the go-to tools for achieving superior finishes quickly, effectively, and comfortably.



Features

- High speed (up to 46000RPM)
- Integrated speed controlled governor
- Compact and robust design
- Lightweight and easy-to-handle design
- Scatter dampening
- Lever equipped with the safety clutch

Benefits

- Optimal process speed for different applications
- High productivity
- Long-lasting performance and reliability
- Reduced risk of vibration related injuries
- Minimum sound levels



LSF12

Pg no. 19



LSF17

Pg no. 20



LSF19

Pg no. 21



LSF29

Pg no. 23

LSF12

Precision Grinding
Straight Die Grinders



Model	Max free speed	Max output	Collet size	Length	Weight	Air consumption at max output	Air consumption at free speed	Rec hose size	Air inlet thread BSP	Scatter damped	Ordering No.
	r/min	kW	mm	mm	kg	l/s	l/s	mm	in		
LSF12 S200-1	20000	0.24	6	170	0.36	8.1	2.6	8	1/4	No	8423 1124 01
LSF12 S250-1	25000	0.292	6	170	0.36	8.5	3.4	8	1/4	No	8423 1124 02
LSF12 S310-1	31000	0.323	6	170	0.36	9.2	4.2	8	1/4	No	8423 1124 03
LSF12 S400-1	40000	0.358	6	170	0.36	9.8	7.0	8	1/4	No	8423 1124 04

Accessories

	8423 1124 01	8423 1124 02	8423 1124 03	8423 1124 04	Ordering No.
Included					
Open-end spanner (A/F 11mm)	✓	✓	✓	✓	4150 2226 14
Open-end spanner (17mm)	✓	✓	✓	✓	4150 2226 13
Collet (Ø5.55 to 6.35 mm - Ø1/4")	✓	✓	✓	✓	4150 2226 03
Optional					
Hose kit (Cablair 08; 8 mm (5/16"), L = 0.9 m (L = 3 ft))	✓	✓	✓	✓	4150 1689 80
Collet (Ø7/32")	✓	✓	✓	✓	4150 2226 49
Collet (Ø3mm - Ø1/8")	✓	✓	✓	✓	4150 2226 46
Collar	✓	✓	✓	✓	4150 2226 02
Collet holder	✓	✓	✓	✓	4150 2226 21
Collet nut	✓	✓	✓	✓	4150 2226 04
Productivity kit (MIDI-FRL-1/2-BSP EQ08-C10)	✓	✓	✓	✓	8202 0850 03
MULTIFLEX-1/4 cover	✓	✓	✓	✓	8202 1350 41
MULTIFLEX-1/4-NPT (For North America)	✓	✓	✓	✓	8202 1350 26
MULTIFLEX-1/4	✓	✓	✓	✓	8202 1350 20

LSF17

Precision Grinding
Straight Die Grinders



Model	Max free speed r/min	Max output kW	Collet size mm	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 in	Scatter damped	Ordering No.
LSF17 S300-1	30000	0.28	6	170	0.4	9	6	8	1/4	Yes	8423 1224 19

Accessories

	Ordering No.
Included	
Open-end spanner (A/F 14mm)	4080 0153 00
Collet (Ø6mm)	4150 0075 00
Optional	
Hose kit (Cablair 08; 8 mm (5/16"), L = 0.9 m (L = 3 ft))	4150 1689 80
Collet (Ø3mm)	4150 0081 00
Collet (Ø8mm - Ø5/16")	4150 0074 00
Collet (Ø1/4")	4150 0076 00
Collet (Ø3/16")	4150 0649 00
Collet (Ø1/8")	4150 0082 00
Collet (Ø5/32")	4150 0648 00
Collet nut	4150 0760 00
Productivity kit (MIDI-FRL-1/2-BSP EQ08-C10)	8202 0850 03
MULTIFLEX-1/4 cover	8202 1350 41
MULTIFLEX-1/4-NPT (For North America)	8202 1350 26
MULTIFLEX-1/4	8202 1350 20

LSF19

Precision Grinding
Straight Die Grinders



Model	Max free speed	Max output	Collet size	Length	Weight	Air consumption at max output	Air consumption at free speed	Rec hose size	Air inlet thread BSP	Scatter damped	Ordering No.
	r/min	kW	mm	mm	kg	l/s	l/s	mm	in		
LSF19 S200-1	20000	0.5	6	193	0.5	9.6	3.5	10	1/4	Yes	8423 1224 80
LSF19 S300-1	30000	0.5	6	193	0.5	11.3	6.6	10	1/4	Yes	8423 1224 81
LSF19 S460-1	46000	0.5	6	193	0.5	11.4	15	10	1/4	Yes	8423 1224 82
LSF19 S300-1R	30000	0.5	6	193	0.5	11.3	6.6	10	1/4	No	8423 1224 89

Accessories

	8423 1224 80	8423 1224 81	8423 1224 82	8423 1224 89	Ordering No.
Included					
Open-end spanner (A/F 14mm)	✓	✓	✓	✓	4080 0153 00
Hose (Soft type, Ø38, L = 1 m)	✓	✓	✓	✓	4150 1314 02
Collet (Ø6mm)	✓	✓	✓	✓	4150 0075 00
Optional					
Hose kit (Cablair 10; 10 mm, L = 0.7 m)	✓	✓	✓	✓	8202 1180 19
Collet (Ø3mm)	✓	✓	✓	✓	4150 0081 00
Collet (Ø8mm - Ø5/16")	✓	✓	✓	✓	4150 0074 00
Collet (Ø5mm)	✓	✓	✓	✓	4150 0075 01
Collet (Ø1/4")	✓	✓	✓	✓	4150 0076 00
Collet (Ø3/16")	✓	✓	✓	✓	4150 0649 00
Collet (Ø1/8")	✓	✓	✓	✓	4150 0082 00
Collet (Ø5/32")	✓	✓	✓	✓	4150 0648 00
Collet holder	✓	✓	✓	✓	4150 1262 00
Collet nut	✓	✓	✓	✓	4150 0760 00
Locking screw for drum (included in spot suction kit)	✓	✓	✓	✓	3780 5090 60
MULTIFLEX-1/4 cover	✓	✓	✓	✓	8202 1350 41
MULTIFLEX-1/4-NPT (For North America)	✓	✓	✓	✓	8202 1350 26

Accessories

	8423 1224 80	8423 1224 81	8423 1224 82	8423 1224 89	Ordering No.
Optional					
MULTIFLEX-1/4	✓	✓	✓	✓	8202 1350 20
Extension (Ø75mm - Ø3")	-	-	-	✓	4150 0674 00
Productivity kit (MIDI-FRL-1/2-BSP EQ08-C10)	✓	✓	✓	✓	8202 0850 03
For machining of plastic and fiberglass					
Spot suction kit burr (diamond burr not included)	✓	✓	✓	✓	3780 3015 22
Spot suction kit drum (diamond drum not incl). To be used with 6 mm collet	✓	✓	✓	✓	3780 4011 61
Diamond drum Ø27 mm	✓	✓	✓	✓	3780 5033 00
Diamond cylinder kit Ø 27mm	✓	✓	✓	✓	3780 5033 01
Shaft Ø 6 mm (included in spot suction kit)	✓	✓	✓	✓	3780 5090 30

LSF29

Precision Grinding
Straight Die Grinders



Model	Max free speed	Max output	Collet size	Length	Weight	Air consumption at max output	Air consumption at free speed	Rec hose size	Air inlet thread BSP	Scatter damped	Ordering No.
	r/min	kW	mm			l/s	l/s		mm		
LSF29 S120	12000	0.7	6	213	0.8	17	4	13	3/8	Yes	8423 0127 00
LSF29 S150	15000	0.8	6	213	0.8	18	4	13	3/8	Yes	8423 0127 02
LSF29 S180	18000	0.9	6	213	0.8	20	6	13	3/8	Yes	8423 0127 05
LSF29 S250	25000	1.0	6	213	0.8	22	9	13	3/8	Yes	8423 0127 11
LSF29 S030	3000	0.8	6	257	1.2	20	6	13	3/8	No	8423 0127 18
LSF29 S070	7000	1.0	6	256	1.2	22	9	13	3/8	No	8423 0127 20
LSF29 S120-HD	12000	0.7	6	213	1.2	17	4	13	3/8	No	8423 0127 23
LSF29 S180-HD	18000	0.9	6	213	1.2	20	6	13	3/8	No	8423 0127 25
LSF29 S250-HD	25000	1.0	6	213	1.2	22	9	13	3/8	No	8423 0127 27

Accessories

	8423 0127 00	8423 0127 02	8423 0127 05	8423 0127 11	8423 0127 18	Ordering No.
Included						
Open-end spanner (A/F 14mm)	✓	✓	✓	✓	✓	4080 0153 00
Hose (Soft type, Ø38, L = 1 m)	✓	✓	✓	✓	✓	4150 1314 02
Collet (Ø1/4") (For North America)	✓	✓	✓	✓	✓	4150 0076 00
Collet (Ø6mm)	✓	✓	✓	✓	✓	4150 0075 00

	8423 0127 20	8423 0127 23	8423 0127 25	8423 0127 27	Ordering No.
Included					
Open-end spanner (A/F 14mm)	✓	✓	✓	✓	4080 0153 00
Hose (Soft type, Ø38, L = 1 m)	✓	-	-	-	4150 1314 02
Collet (Ø1/4") (For North America)	✓	✓	✓	✓	4150 0076 00
Collet (Ø6mm)	✓	✓	✓	✓	4150 0075 00

Accessories

	8423 0127 00	8423 0127 02	8423 0127 05	8423 0127 11	8423 0127 18	Ordering No.
Optional						
Hose kit (Turbo 13; 13 mm (1/2"), L = 0.9m (L = 3 ft))	✓	✓	✓	✓	✓	4150 1618 81
Exhaust hose	✓	✓	✓	✓	✓	4150 1532 02
Collet compl. (Ø6mm - collet nut included)	✓	✓	✓	✓	✓	4150 0075 90
Collet (Ø3mm)	✓	✓	✓	✓	✓	4150 0081 00
Collet (Ø8mm - Ø5/16")	✓	✓	✓	✓	✓	4150 0074 00
Collet (Ø5mm)	✓	✓	✓	✓	✓	4150 0075 01
Collet (Ø3/16")	✓	✓	✓	✓	✓	4150 0649 00
Collet (Ø1/8")	✓	✓	✓	✓	✓	4150 0082 00
Collet (Ø5/32")	✓	✓	✓	✓	✓	4150 0648 00
Collet holder and collet nut	✓	✓	✓	✓	✓	4110 0844 90
Collet nut	✓	✓	✓	✓	✓	4150 0760 00
Cone wheel adapter (UNF 3/8)	✓	✓	✓	✓	✓	4150 2326 85
MULTIFLEX-3/8 cover	✓	✓	✓	✓	✓	8202 1350 42
MULTIFLEX-3/8-NPT (For North America)	✓	✓	✓	✓	✓	8202 1350 28
MULTIFLEX-3/8	✓	✓	✓	✓	✓	8202 1350 22
For machining of plastic and fiberglass						
Diamond drum Ø52 mm	✓	✓	✓	✓	✓	3780 5035 00
Diamond cylinder kit Ø 52mm	✓	✓	✓	✓	✓	3780 5035 01

	8423 0127 20	8423 0127 23	8423 0127 25	8423 0127 27	Ordering No.
Optional					
Hose kit (Turbo 13; 13 mm (1/2"), L = 0.9m (L = 3 ft))	✓	✓	✓	✓	4150 1618 81
Exhaust hose	✓	✓	✓	✓	4150 1532 02
Collet compl. (Ø6mm - collet nut included)	✓	✓	✓	✓	4150 0075 90
Collet (Ø3mm)	✓	✓	✓	✓	4150 0081 00
Collet (Ø8mm - Ø5/16")	✓	✓	✓	✓	4150 0074 00
Collet (Ø5mm)	✓	✓	✓	✓	4150 0075 01
Collet (Ø3/16")	✓	✓	✓	✓	4150 0649 00
Collet (Ø1/8")	✓	✓	✓	✓	4150 0082 00
Collet (Ø5/32")	✓	✓	✓	✓	4150 0648 00
Collet holder and collet nut	✓	✓	✓	✓	4110 0844 90
Collet nut	✓	✓	✓	✓	4150 0760 00
Cone wheel adapter (UNF 3/8)	✓	✓	✓	✓	4150 2326 85
MULTIFLEX-3/8 cover	✓	✓	✓	✓	8202 1350 42
MULTIFLEX-3/8-NPT (For North America)	✓	✓	✓	✓	8202 1350 28
MULTIFLEX-3/8	✓	✓	✓	✓	8202 1350 22
For machining of plastic and fiberglass					
Diamond drum Ø52 mm	✓	✓	✓	✓	3780 5035 00
Diamond cylinder kit Ø 52mm	✓	✓	✓	✓	3780 5035 01

Straight Extended Die Grinders

Straight extended die grinders combine powerful performance and ergonomic design to boost productivity, making them ideal for precision grinding in hard-to-reach areas.

Description

Straight extended die grinders offer numerous advantages, making them indispensable tools for precision grinding. Their powerful performance ensures efficient material removal, while the extended reach allows access to hard-to-reach areas, perfect for intricate tasks. The ergonomic design - including scatter dampening - enhances user comfort, reducing fatigue during prolonged use, and boosting overall productivity. Designed to withstand tough jobs under continuous load, they excel in heavy-duty industrial material removal applications such as shipyards, foundries, forges, rail car manufacturing, automotive, heavy industry, and many other types of manufacturing. These features collectively make straight extended die grinders a valuable asset for professionals seeking precision, efficiency, and durability in their work.



Features

- High speed (up to 46000RPM)
- Integrated speed controlled governor
- Compact and robust design
- Lightweight and easy-to-handle design
- Scatter dampening
- Lever equipped with the safety clutch

Benefits

- Optimal process speed for different applications
- High productivity
- Long-lasting performance and reliability
- Reduced risk of vibration related injuries
- Minimum sound levels



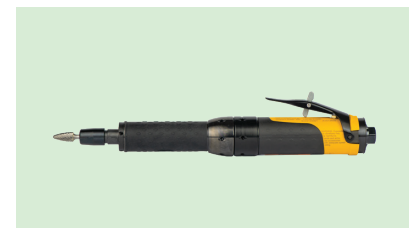
LSF19

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LSF29

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LSF19

Precision Grinding
Straight Extended Die Grinders



Model	Max free speed	Max output	Collet size	Length	Weight	Air consumption at max output	Air consumption at free speed	Rec hose size	Air inlet thread BSP	Scatter damped	Ordering No.
	r/min	kW	mm	mm	kg	l/s	l/s	mm	in		
LSF19 S200E-1	20000	0.5	6	293	0.7	9.6	3.5	10	1/4	Yes	8423 1224 85
LSF19 S300E-1	30000	0.5	6	293	0.7	11.3	6.6	10	1/4	Yes	8423 1224 86
LSF19 S460E-1	46000	0.5	6	293	0.7	11.4	15	10	1/4	Yes	8423 1224 87
LSF19 S300E-1R	30000	0.5	6	293	0.7	11.3	6.6	10	1/4	No	8423 1224 88
LSF19 S460E-1R	46000	0.5	6	293	0.7	11.4	15	10	1/4	No	8423 1224 90

Accessories

	8423 1224 85	8423 1224 86	8423 1224 87	8423 1224 88	8423 1224 90	Ordering No.
Included						
Open-end spanner (A/F 14mm)	✓	✓	✓	✓	✓	4080 0153 00
Hose (Soft type, Ø38, L = 1 m)	✓	✓	✓	✓	✓	4150 1314 02
Collet (Ø6mm)	✓	✓	✓	✓	✓	4150 0075 00
Optional						
Hose kit (Cablair 10; 10 mm, L = 0.7 m)	✓	✓	✓	✓	✓	8202 1180 19
Collet (Ø3mm)	✓	✓	✓	✓	✓	4150 0081 00
Collet (Ø8mm - Ø5/16")	✓	✓	✓	✓	✓	4150 0074 00
Collet (Ø5mm)	✓	✓	✓	✓	✓	4150 0075 01
Collet (Ø1/4")	✓	✓	✓	✓	✓	4150 0076 00
Collet (Ø3/16")	✓	✓	✓	✓	✓	4150 0649 00
Collet (Ø1/8")	✓	✓	✓	✓	✓	4150 0082 00
Collet (Ø5/32")	✓	✓	✓	✓	✓	4150 0648 00
Collet holder	✓	✓	✓	✓	✓	4150 1262 00
Collet nut	✓	✓	✓	✓	✓	4150 0760 00
MULTIFLEX-1/4 cover	✓	✓	✓	✓	✓	8202 1350 41
MULTIFLEX-1/4-NPT (For North America)	✓	✓	✓	✓	✓	8202 1350 26
MULTIFLEX-1/4	✓	✓	✓	✓	✓	8202 1350 20
Productivity kit (MIDI-FRL-1/2-BSP EQ08-C10)	✓	✓	✓	✓	✓	8202 0850 03

LSF29

Precision Grinding
Straight Extended Die Grinders



Model	Max free speed	Max output	Collet size	Length	Weight	Air consumption at max output	Air consumption at free speed	Rec hose size	Air inlet thread BSP	Scatter damped	Ordering No.
	r/min	kW	mm			l/s	l/s		mm		
LSF29 S150E	15000	0.8	6	332	1.4	18	4	13	3/8	Yes	8423 0127 04
LSF29 S180E	18000	0.9	6	332	1.4	20	6	13	3/8	Yes	8423 0127 08
LSF29 S250E	25000	1.0	6	332	1.4	22	9	13	3/8	Yes	8423 0127 14
LSF29 S030E	3000	0.8	6	381	1.8	20	6	13	3/8	Yes	8423 0127 19
LSF29 S070E	7000	1.0	6	381	1.8	22	9	13	3/8	Yes	8423 0127 21
LSF29 S120E-HD	12000	0.7	6	332	1.6	17	4	13	3/8	No	8423 0127 22
LSF29 S180E-HD	18000	0.9	6	332	1.6	20	6	13	3/8	No	8423 0127 24
LSF29 S250E-HD	25000	1.0	6	332	1.6	22	9	13	3/8	No	8423 0127 26

Accessories

	8423 0127 04	8423 0127 08	8423 0127 14	8423 0127 19	Ordering No.
Included					
Open-end spanner (A/F 14mm)	✓	✓	✓	✓	4080 0153 00
Hose (Soft type, Ø38, L = 1 m)	✓	✓	✓	✓	4150 1314 02
Collet (Ø1/4") (For North America)	✓	✓	✓	✓	4150 0076 00
Collet (Ø6mm)	✓	✓	✓	✓	4150 0075 00

	8423 0127 21	8423 0127 22	8423 0127 24	8423 0127 26	Ordering No.
Included					
Open-end spanner (A/F 14mm)	✓	✓	✓	✓	4080 0153 00
Hose (Soft type, Ø38, L = 1 m)	✓	-	-	-	4150 1314 02
Collet (Ø1/4") (For North America)	✓	✓	✓	✓	4150 0076 00
Collet (Ø6mm)	✓	✓	✓	✓	4150 0075 00

Accessories

	8423 0127 04	8423 0127 08	8423 0127 14	8423 0127 19	Ordering No.
Optional					
Hose kit (Turbo 13; 13 mm (1/2"), L = 0.9m (L = 3 ft))	✓	✓	✓	✓	4150 1618 81
Exhaust hose	✓	✓	✓	✓	4150 1532 02
Collet compl. (Ø6mm - collet nut included)	✓	✓	✓	✓	4150 0075 90
Collet (Ø3mm)	✓	✓	✓	✓	4150 0081 00
Collet (Ø8mm - Ø5/16")	✓	✓	✓	✓	4150 0074 00
Collet (Ø5mm)	✓	✓	✓	✓	4150 0075 01
Collet (Ø3/16")	✓	✓	✓	✓	4150 0649 00
Collet (Ø1/8")	✓	✓	✓	✓	4150 0082 00
Collet (Ø5/32")	✓	✓	✓	✓	4150 0648 00
Collet holder and collet nut	✓	✓	✓	✓	4110 0844 90
Collet nut	✓	✓	✓	✓	4150 0760 00
Extension (700mm)	✓	✓	✓	-	8423 0127 70
Cone wheel adapter (UNF 3/8)	✓	✓	✓	✓	4150 2326 85
MULTIFLEX-3/8 cover	✓	✓	✓	✓	8202 1350 42
MULTIFLEX-3/8-NPT (For North America)	✓	✓	✓	✓	8202 1350 28
MULTIFLEX-3/8	✓	✓	✓	✓	8202 1350 22
For machining of plastic and fiberglass					
Diamond drum Ø52 mm	✓	✓	✓	✓	3780 5035 00
Diamond cylinder kit Ø 52mm	✓	✓	✓	✓	3780 5035 01

	8423 0127 21	8423 0127 22	8423 0127 24	8423 0127 26	Ordering No.
Optional					
Hose kit (Turbo 13; 13 mm (1/2"), L = 0.9m (L = 3 ft))	✓	✓	✓	✓	4150 1618 81
Exhaust hose	✓	✓	✓	✓	4150 1532 02
Collet compl. (Ø6mm - collet nut included)	✓	✓	✓	✓	4150 0075 90
Collet (Ø3mm)	✓	✓	✓	✓	4150 0081 00
Collet (Ø8mm - Ø5/16")	✓	✓	✓	✓	4150 0074 00
Collet (Ø5mm)	✓	✓	✓	✓	4150 0075 01
Collet (Ø3/16")	✓	✓	✓	✓	4150 0649 00
Collet (Ø1/8")	✓	✓	✓	✓	4150 0082 00
Collet (Ø5/32")	✓	✓	✓	✓	4150 0648 00
Collet holder and collet nut	✓	✓	✓	✓	4110 0844 90
Collet nut	✓	✓	✓	✓	4150 0760 00
Extension (700mm)	-	-	-	-	8423 0127 70
Cone wheel adapter (UNF 3/8)	✓	✓	✓	✓	4150 2326 85
MULTIFLEX-3/8 cover	✓	✓	✓	✓	8202 1350 42
MULTIFLEX-3/8-NPT (For North America)	✓	✓	✓	✓	8202 1350 28
MULTIFLEX-3/8	✓	✓	✓	✓	8202 1350 22
For machining of plastic and fiberglass					
Diamond drum Ø52 mm	✓	✓	✓	✓	3780 5035 00
Diamond cylinder kit Ø 52mm	✓	✓	✓	✓	3780 5035 01

LSF39

Precision Grinding
Straight Extended Die Grinders



Model	Max free speed r/min	Max output kW	Collet size mm	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	Scatter damped	Ordering No.
LSF39 S120E	12000	1.5	6	367	1.6	24.2	9.0	13	3/8	Yes	8423 1233 00
LSF39 S150E	15000	1.7	6	367	1.6	27.6	12.1	13	3/8	Yes	8423 1233 01
LSF39 S180E	18000	1.8	6	367	1.6	30.8	15.2	13	3/8	Yes	8423 1233 02
LSF39 S250E	25000	1.8	6	367	1.6	32.9	33.2	13	3/8	Yes	8423 1233 03

Accessories

	8423 1233 00	8423 1233 01	8423 1233 02	8423 1233 03	Ordering No.
Included					
Collet (Ø1/4") (For North America)	✓	✓	✓	✓	4150 1754 90
Collet (Ø6mm)	✓	✓	✓	✓	4150 1453 00
Optional					
Hose kit (Turbo 13; 13 mm (1/2"), L = 0.9m (L = 3 ft))	✓	✓	✓	✓	4150 1618 81
Exhaust hose	✓	✓	✓	✓	4150 1532 02
Collet (Ø8mm)	✓	✓	✓	✓	4150 0706 00
Collet (Ø9mm)	✓	✓	✓	✓	4150 0765 00
Collet holder	✓	✓	✓	✓	4150 1587 00
Collet nut	✓	✓	✓	✓	4150 0849 00
Rigid ring	✓	✓	✓	✓	4150 2319 00
Cone wheel adapter (UNC/W 5/8)	✓	✓	✓	✓	4150 2292 90
MULTIFLEX-3/8 cover	✓	✓	✓	✓	8202 1350 42
MULTIFLEX-3/8-NPT (For North America)	✓	✓	✓	✓	8202 1350 28
MULTIFLEX-3/8	✓	✓	✓	✓	8202 1350 22
Productivity kit (MIDI-FRL-1/2-BSP EQ10-T13)	✓	✓	✓	✓	8202 0850 17



Precision Grinding

Pg no. 09



Rough Grinding and Cutting

Pg no. 33



Surface Sanding and Polishing

Pg no. 61



Percussive

Pg no. 91

Rough Grinding and Cutting



Purpose

The main goal of rough grinding and cutting off is to remove as much material (stock) as possible. Surface finish is of minor importance. This process involves leveling or smoothing edges and shaping cast, forged, or welded pieces. It can also involve removing material to form or enlarge a cavity. Typical tasks include fettling castings, trimming welding joints, or cutting off.



Choosing the Tool

Several factors determine the choice of tool, including the type of grinding work, the workpiece material, shape, location, the abrasive used, and the power required. More power enables more material to be removed over time.



Choosing Wheel Diameter and Thickness

Key considerations when choosing wheel diameter include ease of use, machine speed, and economy:

- Many operators prefer the smallest wheel possible as it is lighter and generates less torque.
- Machine speed (rpm) is crucial. Safety codes restrict maximum speeds; larger wheels have lower maximum speeds.
- Larger wheels provide more usable abrasive material at a lower additional cost.
- Wheel thickness is also a matter of cost-effectiveness. Thicker wheels offer more abrasive material for the same price, but thinner wheels may be necessary for precision control or confined spaces, despite requiring a heavier tool and higher air consumption.



Technique

When using grinders, the material removal pattern is unpredictable, unlike stationary machines. Each grain on the abrasive acts as a tiny cutting tool, removing small chips of material. Over time, these grains become blunt, but the right abrasive will cause blunt grains to break off, exposing new, sharp grains, which is essential for effective grinding. Self-sharpening is crucial for effective grinding. Grinding with a rocking movement helps different parts of the abrasive touch the workpiece, aiding the self-sharpening process. When cutting off material, this rocking motion should follow the wheel's rotation direction.



Angle Grinders

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Straight Grinders

Pg no. 43



Beveling Tools

Pg no. 47



Circular Cutters

Pg no. 50



Turbine Grinders

Pg no. 50

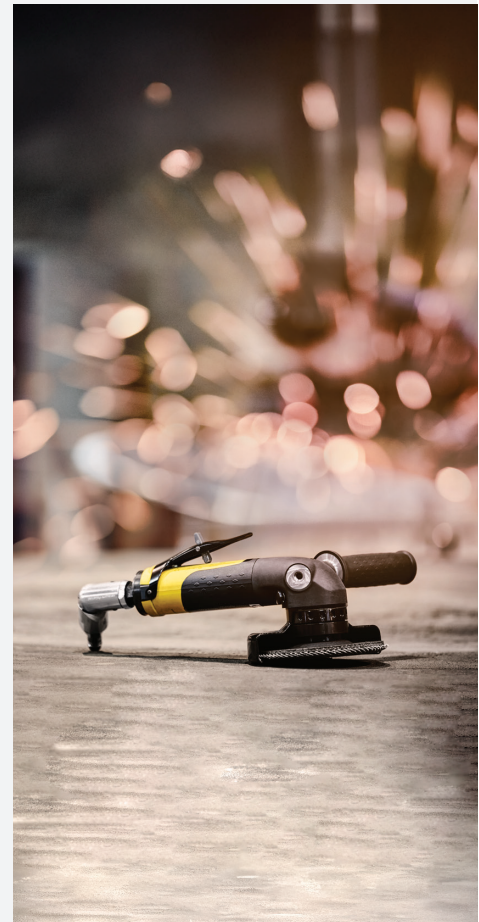
Angle Grinders

Experience unmatched power and precision in rough grinding and cutting with our lightweight angle grinders, designed for ultimate comfort and versatility.

Description

Angle grinders are renowned for their exceptional power and precision, making them ideal for rough grinding, de-burring, and cutting tasks. These tools are the most powerful angle vane grinders for their size, ensuring efficient performance and higher productivity. Their lightweight design ensures ease of use and reduced operator fatigue, while the ergonomic, textured non-slip grips provide comfort during prolonged use.

Designed to withstand tough jobs under continuous load, they excel in heavy-duty industrial material removal applications such as shipyards, foundries, forges, rail car manufacturing, automotive, heavy industry, and many other types of manufacturing. The durable angle gears are nearly maintenance-free, requiring only a grease change every 1,000 hours, and guaranteeing a service life of 2,500 hours. Sealed angle heads ensure long service intervals, contributing to the grinder's longevity. The efficient air motor maintains consistent performance, even with longer hoses, translating into a higher rate of material removal and improved productivity. A built-in spindle lock enables fast and easy grinding wheel changes. The combination of high power and low weight makes angle grinders a powerful productivity package.



Features

- The most powerful vane grinders for its size
- Compact and robust design
- Lightweight and easy-to-handle design
- Integrated Auto-balancer
- Integrated speed controlled governor
- Integrated spindle lock
- Sealed angle head
- Complete list of accessories

Benefits

- Optimal process speed for different applications
- Highest productivity for its size
- Long service intervals
- Reduced risk of vibration related injuries
- High level of operator safety and comfort



LSV19

Pg no. 36



LSV29

Pg no. 37



LSV39

Pg no. 39



LSV48

Pg no. 41

LSV19

Rough Grinding and Cutting

Angle Grinders



Model	Max free speed r/min	Spindle thread	Wheel Diameter (DxTxH) ^a mm	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 in	Ordering No.
LSV19 S170-08	17000	3/8"-17 UNF	80x7x10	0.45	186	0.7	11.2	6.6	10	1/4	8423 0111 40

^aDxTxH = Diameter x Thickness x Hole

Accessories

	8423 1111 40	Ordering No.
Included		
Face spanner (25/19x3 mm)	✓	4080 0186 00
Hose (Soft type, Ø38, L = 1 m)	✓	4150 1314 02
Flange washer complete	✓	4150 1158 80
Optional		
Hose kit (Cablair 10; 10 mm, L = 0.7 m)	✓	8202 1180 19
Syringe, filled with grease (RHENUS LKR03, 20 ml)	✓	4081 0530 90
MULTIFLEX-1/4 cover	✓	8202 1350 41
MULTIFLEX-1/4-NPT (For North America)	✓	8202 1350 26
MULTIFLEX-1/4	✓	8202 1350 20
Productivity kit (MIDI-FRL-1/2-BSP EQ08-C10)	✓	8202 0850 03



Model	Max free speed r/min	Spindle thread	Max output kW	Max wheel dia mm	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 in	Ordering No.
LSV29 S060-180	6000	5/8"-11 UNC	0.8	180	268	2.5	20	7	13	3/8	8423 0127 39
LSV29 ST12-100	12000	3/8"-24 UNF	0.8	100	248	1.7	20	8	10	3/8	8423 0127 45
LSV29 ST12-115	12000	3/8"-24 UNF	0.8	115	248	1.7	20	8	10	3/8	8423 0127 46
LSV29 ST12-125	12000	3/8"-24 UNF	0.8	125	248	1.7	20	8	10	3/8	8423 0127 47
LSV29 ST13-100E	13000	3/8"-24 UNF	0.8	100	300	1.7	26	15	10	3/8	8423 0127 49

Accessories

	8423 0127 39	8423 0127 45	8423 0127 46	8423 0127 47	8423 0127 49	Ordering No.
Included						
Open-end spanner (A/F 18mm)	-	✓	✓	✓	-	4080 0729 00
Face spanner (30 x Ø6 mm)	✓	-	✓	✓	-	4080 0862 00
Face spanner (26 x Ø4 mm)	-	✓	-	-	-	4080 0210 00
Allen key (6mm)	✓	-	-	-	-	4080 0048 00
Hose (Soft type, Ø38, L = 1 m)	✓	✓	✓	✓	✓	4150 1314 02
Flange washer complete	-	-	✓	✓	-	4150 1160 80
Optional						
Hose kit (Cablaire 10; 10 mm, L = 0.9 m)	✓	-	-	-	-	4150 1617 80
Hose kit (Turbo 13; 13 mm, L = 0.9 m)	-	✓	✓	✓	✓	8202 1181 98
Grease gun (0.8oz - 24gr)	-	-	-	-	✓	4150 1982 20
Syringe, filled with grease (RHENUS LKR03, 20 ml)	✓	✓	✓	✓	-	4081 0530 90
Diamond cutting wheel - Ø100 mm	-	✓	✓	✓	✓	3780 5074 00
Adds on spot suction - Ø115-150 mm	-	-	✓	✓	-	3780 4032 14
MULTIFLEX-3/8 cover	✓	✓	✓	✓	✓	8202 1350 42
MULTIFLEX-3/8-NPT (For North America)	✓	✓	✓	✓	✓	8202 1350 28
MULTIFLEX-3/8	✓	✓	✓	✓	✓	8202 1350 22

Accessories

	8423 0127 39	8423 0127 45	8423 0127 46	8423 0127 47	8423 0127 49	Ordering No.
Optional						
Productivity kit (MIDI-FRL-1/2-BSP EQ10-T13)		✓	✓	✓	✓	8202 0850 17
Spot suction for depressed center wheel - Ø125 mm		✓	✓	✓	✓	3780 4008 70
• Nut 5/8" (incl. in kit)		✓	✓	✓	✓	3780 2722 00
• Adapter UNF 3/8" to UNF 5/8" (incl. in kit)		✓	✓	✓	✓	4021 0434 00
Spot suction kit for sanding with fiber disc 125mm (5")		✓	✓	✓	✓	3780 4008 60
• Suction cap 125 mm with brush (incl. in kit)		✓	✓	✓	✓	3780 2650 20
• Backing pad 125 mm (incl. in kit)		✓	✓	✓	✓	3780 2710 30
• Distance washer 9 mm (incl. in kit)		✓	✓	✓	✓	3780 2721 50
• Adapter UNF 3/8" UNC 5/8" (incl. in kit)		✓	✓	✓	✓	4021 0434 00
• Nut 5/8" (incl. in kit)		✓	✓	✓	✓	3780 2722 00
Vacuum Hose, 1.8 m - Ø25 mm for 125 m ³ /h suction requirement (for depressed center and cut-off wheels)		✓	✓	✓	✓	3780 2724 20
Vacuum Hose, 1.8 m - Ø32 mm for 200 m ³ /h suction requirement (for depressed center and cut-off wheels)		✓	✓	✓	✓	3780 2724 31
Vacuum Hose, 1.8 m - Ø38 mm for 250 m ³ /h suction requirement (for depressed center and cut-off wheels)		✓	✓	✓	✓	3780 2724 40
Brush for suction cap - Ø125 mm (20 mm high) (for depressed center and cut-off wheels)		✓	✓	✓	✓	3780 2678 00
Brush for suction cap - Ø180 mm (30 mm high) (for depressed center and cut-off wheels)		✓	✓	✓	✓	3780 2677 30



Model	Max free speed	Spindle thread	Max output	Max wheel dia	Length	Weight	Air consumption at max output	Air consumption at free speed	Rec hose size	Air inlet thread BSP	Air inlet thread NPT	Ordering No.
	r/min						l/s	l/s		mm	in	
LSV39 SA12-125	12000	M14	1.8	125	231	1.8	29.8	17.6	13	3/8	-	8423 0133 01
LSV39 ST12-527	12000	5/8"-11 UNC	1.8	125	231	1.8	29.8	17.6	13	-	3/8	8423 0133 02
LSV39 SA085-125	8500	M14	1.8	125	231	1.8	29.8	17.6	13	3/8	-	8423 0133 09 - for wire brush
LSV39 SA085-180	8500	M14	1.8	180	231	1.9	29.8	17.6	13	3/8	-	8423 0133 12 - for diamond cutting

North American Model

Accessories

	8423 0133 01	8423 0133 02	8423 0133 09	8423 0133 12	Ordering No.
Included					
Face spanner (30 x Ø6 mm)	✓	✓	✓	✓	4080 0862 00
Allen key (4mm)	✓	✓	✓	✓	0902 0112 00
Hose (Soft type, Ø38, L = 1 m)	✓	✓	✓	✓	4150 1314 02
Looking kit	✓	✓	✓	✓	4170 1188 00
Adapter, backing pad	✓	-	✓	✓	4175 0643 93
Flange nut M14 - type 27 (type 42) grinding wheel	✓	-	✓	✓	4175 0643 96
Adapter - Ø42mm / 5-11 UNC (type 27, 41, 42)	-	✓	-	-	4175 0644 00
Flange nut 5/8"	-	✓	-	-	4175 0645 00
Optional					
Hose kit (Turbo 13; 13 mm, L = 0.9 m)	✓	✓	✓	✓	4150 1618 81
Syringe, filled with grease (RHENUS LKR03, 20 ml)	✓	✓	✓	✓	4081 0530 90
Alu-cut guard cover kit	✓	-	-	-	4150 2300 82
Saw blade, Ø125 mm for cutting applications, 30 teeth, 2 mm thick	✓	✓	-	-	4112 1164 00
Saw blade, Ø125 mm for milling applications, 6 teeth, 4 mm thick	✓	✓	-	-	4112 1162 00
Diamond cutting wheel - Ø125 mm	✓	✓	-	-	3780 5074 61
Adds on spot suction - Ø115-150 mm	✓	✓	-	-	3780 4032 14

Accessories

	8423 0133 01	8423 0133 02	8423 0133 09	8423 0133 12	Ordering No.
Optional					
MULTIFLEX-3/8 cover	✓		✓	✓	8202 1350 42
MULTIFLEX-3/8-NPT (For North America)		✓		-	8202 1350 28
MULTIFLEX-3/8	✓		✓	✓	8202 1350 22
Productivity kit (MIDI-FRL-1/2-BSP EQ10-T13)	✓			✓	8202 0850 17
Spot suction for diamond cutting blade - Ø125 mm (cutting depth 30mm)	✓	✓	✓	-	3780 4008 74
Spot suction for depressed center wheel - Ø125 mm	✓	✓	✓	-	3780 4008 73
Dust Extraction Hose, 1.8 m - Ø25 mm for 125 m ³ /h suction requirement (for depressed center and cut-off wheels)	✓	✓	✓	-	3780 2724 20
Dust Extraction Hose, 1.8 m - Ø32 mm for 200 m ³ /h suction requirement (for depressed center and cut-off wheels)	✓	✓	✓	-	3780 2724 31
Dust Extraction Hose, 1.8 m - Ø38 mm for 250 m ³ /h suction requirement (for depressed center and cut-off wheels)	✓	✓	✓	-	3780 2724 40
Brush for suction cap - Ø125 mm (20 mm high) (for depressed center and cut-off wheels)	✓	✓	✓	-	3780 2678 00
Brush for suction cap - Ø180 mm (30 mm high) (for depressed center and cut-off wheels)	✓	✓	✓	-	3780 2677 30

North American Model

LSV48

Rough Grinding and Cutting

Angle Grinders



Model	Max free speed	Spindle thread	Max output	Max wheel dia	Length	Weight	Air consumption at max output	Air consumption at free speed	Rec hose size	Air inlet thread BSP	Air inlet thread NPT	Ordering No.
	r/min											
LSV48 SA085-18	8500	M14	2.5	180	316	2.7	36	17	16	1/2	-	8423 0132 06
LSV48 SA066-23	6600	5/8"-11 UNC	2.5	230	316	2.9	36	17	16	1/2	-	8423 0132 08
LSV48 SA085-727	8500	5/8"-11 UNC	2.5	180	316	2.8	36	17	16	-	1/2	8423 0707 52
LSV48 SA120-527	12000	5/8"-11 UNC	2.5	125	316	2.5	36	17	16	-	1/2	8423 0707 53
LSV48 SA066-727	6600	5/8"-11 UNC	2.5	180	316	2.8	36	17	16	-	1/2	8423 0707 54

North American Model

Accessories

	8423 0132 06	8423 0132 08	8423 0707 52	8423 0707 53	8423 0707 54	Ordering No.
Included						
Face spanner (30 x Ø6 mm)	✓	✓	-	-	-	4080 0862 00
Open-end spanner (A/F 36mm)	-	-	✓	-	-	0902 0436 00
Face spanner (26 x Ø4 mm)	-	-	✓	✓	✓	4080 0210 00
Face spanner (30 x Ø5.5 mm)	-	-	✓	✓	✓	4080 0201 00
Flange nut	-	-	✓	✓	✓	4170 0220 01
Allen key (4mm)	✓	✓	-	✓	✓	0902 0112 00
Flange washer - Adapter	-	-	-	✓	-	4150 1731 00
Hose (TURBO16, 5/8", L = 0.5 m)	✓	✓	-	-	-	8202 1181 85
Flange nut - depressed center wheel (M14)	✓	-	-	-	-	4150 1160 02
Flange nut - cut-off wheel (M14)	✓	-	-	-	-	4150 1160 05
Flange nut - depressed center wheel (5/8")	-	✓	-	-	-	4150 1160 03
Flange nut 5/8" (hub)	-	-	✓	-	✓	4170 0448 00

Accessories

	8423 0132 06	8423 0132 08	8423 0707 52	8423 0707 53	8423 0707 54	Ordering No.
Optional						
Looking kit	✓	✓	✓	✓	✓	4170 1188 94
Syringe, filled with grease (RHENUS LKR03, 20 ml)	✓	✓	✓	✓	✓	4081 0530 90
Backing set, heavy duty type (Ø120 mm - 5/8") - US version	-	-	-	✓	-	4170 1204 00
Pad (backing pad, UNC 5/8")	-	✓	✓	-	-	4170 1192 90
MULTIFLEX-1/2-NPT (For North America)	-	-	✓	✓	✓	8202 1350 62
MULTIFLEX-1/2-HF	✓	✓	-	-	-	8202 1350 60
Productivity kit (MIDI-FRL-1/2-BSP EQ10-T16)	✓	✓	-	-	-	8202 0850 12
Spot suction kit for GRP (diamond cutting) application 180mm (7")	✓	-	-	-	-	3780 4093 42
Cutting disc - Ø180 mm	✓	-	-	-	-	3780 5074 62

North American Model

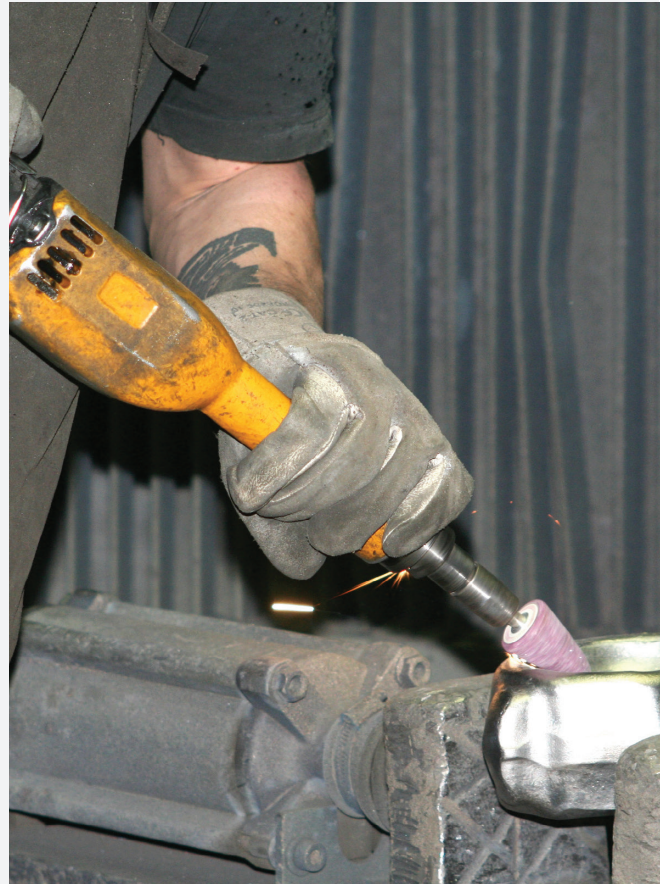
Straight Grinders

Engineered for high performance and unmatched durability, our straight grinders feature a powerful vane motor, making them the ultimate solution for heavy-duty applications.

Description

Designed to excel in the toughest conditions, our straight grinders are indispensable tools in the metal industry and shipbuilding. Perfect for shipyards, forges, foundries, metal factories, and craft workshops, these grinders effortlessly remove corrosion, clean metal surfaces, and finish welds with precision. Their streamlined shape ensures easy access to hard-to-reach areas, especially when using a disc brush, enhancing ergonomics and user comfort.

Built to withstand the harshest industrial environments, each straight grinder is crafted for maximum durability and resilience, capable of enduring scratches, impacts, shocks, and pervasive dust and dirt. Plus, we offer both cone wheel and Type 1 grinding wheel options, providing versatility to meet all your rough grinding and cutting needs. Trust our pneumatic straight grinders to deliver high performance and reliability in every heavy-duty application



Features

- Cone wheel and Type 1 grinding wheel options
- Integrated speed controlled governor
- Minimum sound levels; Robust aluminum housing
- Powerful vane motor; Integrated Autobalancer (for LSR48)

Benefits

- Optimal process speed for different applications
- Highest productivity
- Long service intervals
- Reduced risk of vibration related injuries



LSR48

Pg no. 44



LSR64

Pg no. 46

LSR48

Rough Grinding and Cutting

Straight Grinders



Model	Max free speed	Max output	Length	Weight	Air consumption at max output	Air consumption at free speed	Rec hose size	Air inlet thread BSP	Air inlet thread NPT	Wheel Diameter (DxTxH) ^a	Ordering No.
	r/min	kW			l/s	l/s		in	in		
LSR48 S120-CW	12000	1.8	475	2.3	30	13	16	-	1/2	-	8423 0708 02
LSR48 S090-10	9000	1.5	495	3.2	28	11	16	1/2	-	100x25x13-25	8423 1430 02 (equipped with closed wheel guard)
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 S120-13	12000	1.8	487	3.6	30	13	16	1/2	-	125x25x16-25	8423 1430 06
LSR48 S150-CW	15000	2.0	450	2.3	35	19	16	1/2	-	-	8423 1430 08
LSR48 S120-10	12000	1.8	495	3.5	30	13	16	1/2	-	100x32x16-25	8423 1430 09

North American Model

^aDxTxH = Diameter x Thickness x Hole

Accessories

	8423 0708 02	8423 1430 02	8423 1430 03	8423 1430 05	8423 1430 06	8423 1430 08	8423 1430 09	Ordering No.
Included								
Face spanner (A/F 27mm - 1 1/16" Type B)	✓	-	✓	✓	-	✓	-	0902 0427 00
Face spanner (26/4mm)	-	✓	-	-	-	-	-	4080 0210 00
Face spanner (30mm)	-	-	-	-	✓	-	✓	4080 0201 00
Rear flange (wheel inner Ø16mm)	-	-	-	-	✓	-	✓	4150 0619 00
Rear flange (wheel inner Ø13mm)	-	✓	-	-	-	-	-	4150 0732 01
Rear flange (wheel inner Ø20mm)	-	-	-	-	✓	-	✓	4150 1650 00
Rear flange (wheel inner Ø16mm)	-	✓	-	-	-	-	-	4150 0732 02
Rear flange (wheel inner Ø25mm)	-	-	-	-	✓	-	✓	4150 0713 00

	8423 0708 02	8423 1430 02	8423 1430 03	8423 1430 05	8423 1430 06	8423 1430 08	8423 1430 09	Ordering No.
Included								
Rear flange (wheel inner Ø25mm)	-	✓	-	-	-	-	-	4150 0732 04
Flange nut	-	-	-	-	✓	-	✓	4150 0670 00
Flange nut	-	✓	-	-	-	-	-	4150 0776 00
Front washer	-	-	-	-	✓	-	✓	4150 0671 00
Front washer	-	✓	-	-	-	-	-	4150 0731 00
Optional								
Adapter (for CW with thread - UNC/W 5/8")	✓	-	✓	✓	-	✓	-	4150 0945 01
Collet nut	-	-	✓	✓	-	✓	-	4150 0849 00
Collet holder	-	-	✓	✓	-	✓	-	4150 0680 01
Collet Ø6mm	-	-	✓	✓	-	✓	-	4150 1453 00
Collet Ø8mm	-	-	✓	✓	-	✓	-	4150 0706 00
Collet Ø9mm	-	-	✓	✓	-	✓	-	4150 0765 00
Productivity kit (MIDI-FRL-1/2-BSP EQ10-T16)	-	✓	✓	✓	✓	✓	✓	8202 0850 12
MULTIFLEX-1/2-HF	-	✓	✓	✓	✓	✓	✓	8202 1350 60

LSR64

Rough Grinding and Cutting

Straight Grinders



Model	Max free speed	Max output	Length	Weight	Air consumption at max output	Air consumption at free speed	Rec hose size	Air inlet thread BSP	Wheel Diameter (DxTxH) ^a	Ordering No.
	r/min	kW			l/s	l/s		in	mm	
LSR64 S041	4100	1.6	535	5.4	29	7	16	1/2	-	8423 1640 14 (for wire brushes)
LSR64 S060-15	6000	2.3	535	5.4	41	11	16	1/2	150x25x16	8423 1640 22
LSR64 S072-13	7200	2.5	535	5.4	45	14	16	1/2	125x25x16	8423 1640 30
LSR64 S100-15	10000	2.9	535	5.8	53	26	16	1/2	150x25x25	8423 1640 55

^aDxTxH = Diameter x Thickness x Hole

Accessories

	8423 1640 14	8423 1640 22	8423 1640 30	8423 1640 55	Ordering No.
Included					
Face spanner (A/F 27mm - 1 1/16" Type B)	✓	-	-	-	0902 0427 00
Face spanner (30mm)	-	✓	✓	✓	4080 0201 00
Rear flange (wheel inner Ø16mm)	✓	✓	✓	-	4150 0619 00
Rear flange (wheel inner Ø25mm)	-	-	-	✓	4150 0713 00
Flange nut	✓	✓	✓	✓	4150 0670 00
Front washer	✓	✓	✓	✓	4150 0671 00
Optional					
Steel wire brush Ø115mm	✓	-	-	-	4170 0491 00
Rear flange (wheel inner Ø16mm)	-	-	-	✓	4150 0619 00
Rear flange (wheel inner Ø20mm)	✓	✓	✓	✓	4150 1650 00
Rear flange (wheel inner Ø25mm)	✓	✓	✓	-	4150 0713 00
Productivity kit (MIDI-FRL-1/2-BSP EQ10-T16)	✓	✓	-	-	8202 0850 12
Productivity kit (MAXI-F/R-1-BSP T 1/2" BSP)	-	-	✓	✓	8202 0850 05
MULTIFLEX-1/2-HF	✓	✓	✓	✓	8202 1350 60

Beveling Tools

Edge processing for professionals: an excellent combination of power, design, durability and ergonomics. For stronger joints and rounded edges.

Description

Discover our high-quality bevelling tools, designed for chamfering, deburring, and creating radius edges on mild steel and aluminum plates. These tools are perfect for milling contours and cut-outs in carbon steel and aluminum, with adjustable depth control for precision.

Our bevelling tools are perfectly suited for efficient work in various areas of manual edge-processing.

Featuring the unique milling head and guide bearing technology, our tools deliver enhanced performance, leading to greater effectiveness and productivity. Achieve strong welded joints and smooth, rounded edges for an excellent paint finish. Enhance your metalworking projects with our reliable and efficient bevelling tools, and experience the clear benefits for our customers.

Features

- Modular design
- Lightweight and easy-to-handle design
- Integrated speed controlled governor
- Ergonomically designed support handle
- Integrated spindle lock
- Carbide inserts with eight cutting edges
- Milling head @45° made of special alloy

Benefits

- Optimal process speed
- Highest productivity
- No grinding dust
- High level of operator safety and comfort
- Excellent accessibility



LSB39

Pg no. 48

LSB39

Rough Grinding and Cutting

Bevelling Tools



Model	Max free speed	Max bevel width	Max radius	Max output	Weight	Max height over guide plate	Air consumption at max output	Air consumption at free speed	Rec hose size	Air inlet thread BSP	Ordering No.
	r/min	mm	mm	kW	kg	mm	l/s	l/s	mm	in	
LSB39 S085	8500	8	4	1.8	2.6	111	29.5	16.3	13	3/8	8423 0133 10

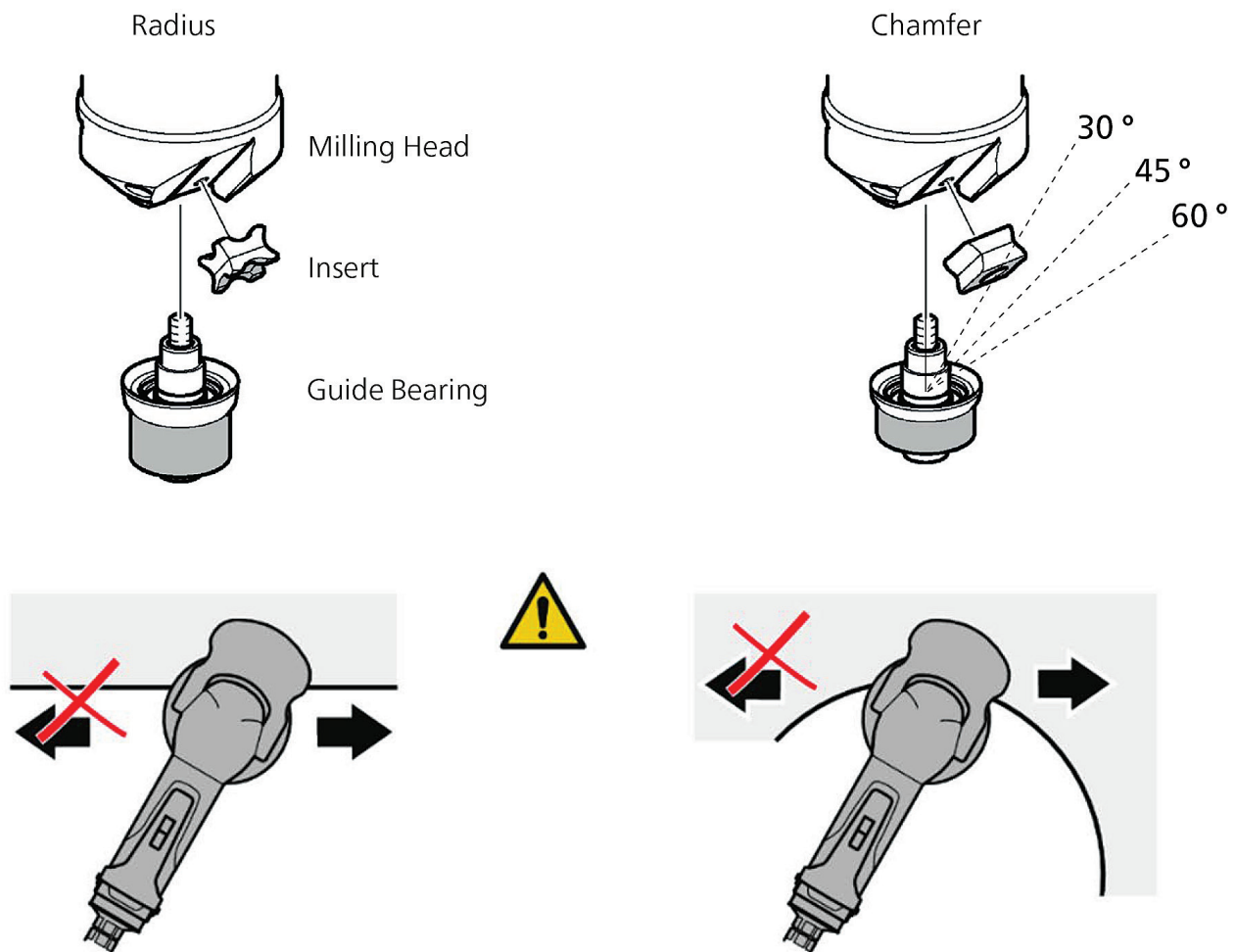
Accessories

	Ordering No.
Included	
Milling head (Chamfer 45°)	4150 2240 90
Guide bearing (Chamfer 45°)	4150 2240 93
Insert (Chamfer 45°)	4150 2241 92
Optional	
Hose kit (Turbo 13; 13 mm (1/2"), L = 0.9m (L = 3 ft))	4150 1618 81
Hose (Soft type, Ø 38mm, L = 1 m)	4150 1314 02
Hose (HD type, Ø 42mm, L = 1 m)	4150 1532 01
Milling head (Radius 2mm, 3mm, 4mm)	4150 2240 90
Milling head (Chamfer 30°)	4150 2240 94
Milling head (Chamfer 35°)	4150 2240 98
Milling head (Chamfer 55°)	4150 2240 96
Milling head (Chamfer 60°)	4150 2241 04
Guide bearing (Radius 2mm)	4150 2240 80
Guide bearing (Radius 3mm)	4150 2240 91
Guide bearing (Radius 4mm)	4150 2240 92
Guide bearing (Chamfer 30°)	4150 2240 95

Accessories

	Ordering No.
Optional	
Guide bearing (Chamfer 35°)	4150 2240 99
Guide bearing (Chamfer 55°)	4150 2240 97
Guide bearing (Chamfer 60°)	4150 2241 05
Insert (Radius 2mm)	4150 2241 93
Insert (Radius 3mm)	4150 2241 90
Insert (Radius 4mm)	4150 2241 91
Insert (Chamfer 30°, 35°, 55°, 60°)	4150 2241 92
MULTIFLEX-3/8 cover	8202 1350 42
MULTIFLEX-3/8-NPT (For North America)	8202 1350 28
MULTIFLEX-3/8	8202 1350 22
Productivity kit (MIDI-FRL-1/2-BSP EQ10-T13)	8202 0850 17

Note: Each type of inserts work with respective Guide bearing only



Circular Cutters

Experience unparalleled precision and efficiency with our circular cutters.

Description

Our circular cutters can successfully perform circular cutting operations in carbon fiber and fiberglass (GRP). Exclusively designed for use with diamond-coated blades, our circular cutters ensure superior cutting performance. They feature a robust cutter blade guard with an integrated dust extraction hood, compatible with external vacuum sources. This innovative design effectively prevents the inhalation of harmful dust particles, safeguarding the operator's health. Ideal for industrial applications, our circular cutters combine power, safety, and ease of use for superior results every time.

Features

- Diamond-Coated Blade Compatibility
- Integrated Dust Extraction Hood
- Robust design
- Powerful and lubrication free motor
- 26mm (1") cutting depth

Benefits

- Precision cutting
- High level of operator safety and comfort
- Clean workspace



LCS39

Pg no. 51



Model	Max free speed r/min	Max cutter wheel dia mm	Max cutting depth mm	Max output kW	Length mm	Weight kg	Air consumption at free speed l/s	Rec hose size mm	Air inlet thread BSP in	Dust extraction hood	Ordering No.
LCS39 S150D	15000	100	26	1.8	306	1.8	17.6	13	3/8	•*	8424 1125 07

*Suction requirement: 200 m³/h

Accessories

	Ordering No.
Included	
Allen key (3mm)	0902 0111 00
Allen key (5mm)	0902 0113 00
Allen key (6mm)	0902 0114 00
Face spanner	4080 0729 00
Exhaust hose	4150 1532 02
Optional	
Diamond disc for fiber glass (Ø75mm - max thickness of material: 18mm)	3780 5073 00
Diamond disc for fiber glass (Ø100mm - max thickness of material: 25mm)	3780 5074 00
Suction hose set (150mm)	3780 2724 31
Productivity kit (MIDI-FRL-1/2-BSP EQ10-T13)	8202 0850 17
MULTIFLEX-3/8 cover	8202 1350 42
MULTIFLEX-3/8	8202 1350 22

Turbine Grinders

Unleash unparalleled performance with our turbine grinders, where exceptional power-to-weight ratio meets superior ergonomics.

Description

Experience the ultimate in grinding technology with our turbine grinders, the compact workhorses that set the industry benchmark for ergonomics, power, durability, and performance. Our innovative turbine technology ensures these angle turbine grinders deliver superior material removal on the roughest surfaces. The Speed Controlled governor maintains optimal operating speed, significantly reducing operation time. Loaded with features to enhance operator comfort, ergonomics, and safety, our turbine grinders also reduce air consumption.

Features

- Innovative ergonomic design
- Highly efficient turbine motor
- Compact and robust design
- Precise Speed Controlled governor
- Auto-balancer
- Built-in spindle lock (for GTG22 THOR and GTG25)
- Overspeed shut-off device
- Adjustable wheel guard

Benefits

- Highest material removal rate in its class
- Oil-free operation
- Reduced risk of vibration related injuries
- Excellent operator comfort and accessibility
- Minimum sound levels



GTG22

Pg no. 53



GTG25

Pg no. 54



GTG40

Pg no. 56



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	Air inlet thread BSP in	Ordering No.
GTG22-HA G120	12000	2.3	125	-	-	1.9	58	32	8	3/8	8423 2222 10
GTG22-HA G85	8500	2.3	180	-	-	2.1	58	32	8	3/8	8423 2222 20
GTG22-HA G120-M14	12000	2.3	125	M14	20	1.9	78	32	8	3/8	8423 2222 30

Accessories

	8423 2222 10	8423 2222 20	8423 2222 30	Ordering No.
Included				
Allen key for flange nut	✓	✓	-	4080 0048 00
Allen key for support handle	✓	✓	✓	4221 0014 26
Flange washer (for grinding applications)	✓	✓	-	4175 0777 90
Flange washer (for cutting-off applications)	✓	✓	-	4175 0777 92
Face spanner	-	-	✓	4080 0862 00
Locking kit (metric)	-	-	✓	4170 1188 90
Adapter, backing pad	-	-	✓	4175 0643 93
Flange nut M14 - type 41 (type 1) cutting wheel	-	-	✓	4175 0643 94
Flange nut M14 - type 27 (type 42) grinding wheel	-	-	✓	4175 0643 96
Optional				
Backing pad kit - Slimline 5" (120mm)	✓	-	✓	4170 1888 02
Backing pad kit - Slimline 7" (180mm)	-	✓	-	4170 1888 05
Whip hose kit (3/8" + RUBAIR16)	✓	✓	✓	4175 0738 90
Productivity kit (MIDI-FRL-1/2-BSP EQ10-T13)	✓	✓	✓	8202 0850 17
MULTIFLEX-3/8	✓	✓	✓	8202 1350 22

GTG25

Rough Grinding and Cutting

Turbine Grinders



Model	Max free speed	Max output	Max wheel dia	Spindle thread	Spindle length	Weight	Height over spindle	Air consumption at max output	Air consumption at free speed	Rec hose size	Air inlet thread BSP	Air inlet thread NPT	Ordering No.
	r/min	kW	mm		mm	kg	mm	l/s	l/s	mm	in		
GTG25-F120-13	12000	2.5	125	-	-	2.1	61	34	9	16	3/8	-	8423 2525 01
GTG25-F085-18	8500	2.5	180	-	-	2.2	61	34	9	16	3/8	-	8423 2525 02
GTG25-F120-527	12000	2.5	125	5/8"-11 UNC	23.4	2.2	84	34	9	16	-	3/8	8423 2525 06
GTG25-F085-727	8500	2.5	180	-	-	2.4	84	34	9	16	-	3/8	8423 2525 07
GTG25 F120-M14	12000	2.5	125	M14	20	2.1	80	34	9	16	3/8	-	8423 2525 10
GTG25 F085-M14	8500	2.5	180	M14	20	2.2	80	34	9	16	3/8	-	8423 2525 11
GTG25 F085-13	8500	2.5	125	-	-	2.2	61	34	9	16	3/8	-	8423 2525 15

North American Model

Accessories

	8423 2525 01	8423 2525 02	8427 2525 06	8428 2525 07	8430 2525 10	8431 2525 11	8423 2525 15	Ordering No.
Included								
Allen key for flange nut	✓	✓	-	-	-	-	✓	4080 0048 00
Allen key for support handle	✓	✓	✓	✓	-	-	✓	0902 0113 00
Flange washer (for grinding applications)	✓	✓	-	-	-	-	✓	4175 0777 90
Flange washer (for cutting-off applications)	✓	✓	-	-	-	-	✓	4175 0777 92
Face spanner (30 x Ø5.5 mm)	-	-	✓	✓	-	-	-	4080 0201 00
Face spanner	-	-	-	-	✓	✓	-	4080 0862 00
Locking kit (imperial)	-	-	✓	✓	-	-	-	4170 1188 91
Locking kit (metric)	-	-	-	-	✓	✓	-	4170 1188 90
Adapter (Ø42mm)	-	-	-	✓	-	-	-	4175 0643 02
Adapter (Ø84mm, 5/8" - type 27 and 42 wheels)	-	-	-	✓	-	-	-	4175 0646 00

Accessories

	8423 2525 01	8423 2525 02	8427 2525 06	8428 2525 07	8430 2525 10	8431 2525 11	8423 2525 15	Ordering No.
Included								
Adapter, backing pad (5/8", for 527 grinding wheel)	-	-	✓	-	-	-	-	4175 0643 00
Adapter, backing pad	-	-	-	-	✓	✓	-	4175 0643 93
Key compl. (to be assembled into the support handle)	✓	✓	-	-	-	-	✓	4175 0798 90
Flange nut M14 - type 41 (type 1) cutting wheel	-	-	-	-	✓	✓	-	4175 0643 94
Flange nut M14 - type 27 (type 42) grinding wheel	-	-	-	-	✓	✓	-	4175 0643 96
Optional								
Backing pad kit - Slimline 5" (120mm)	✓	-	-	-	-	-	✓	4170 1888 02
Backing pad kit - Slimline 7" (180mm)	-	✓	-	-	-	-	-	4170 1888 05
Whip hose kit (3/8" + RUBAIR16)	✓	✓	✓	✓	✓	✓	✓	4175 0738 90
Productivity kit (MIDI-FRL-1/2-BSP EQ10-T13)	✓	✓	✓	✓	✓	✓	✓	8202 0850 17
MULTIFLEX-3/8 cover	✓	✓	✓	✓	✓	✓	✓	8202 1350 42
MULTIFLEX-3/8	✓	✓	✓	✓	✓	✓	✓	8202 1350 22
Lever, compl.	✓	✓	✓	✓	✓	✓	✓	4150 1594 98
Diamond cutting wheel - Ø125mm	✓	-	✓	-	✓	-	-	3780 5074 61
Diamond cutting wheel - Ø180mm	-	✓	-	✓	-	✓	✓	3780 5074 62
Spot suction for diamond cutting wheel (only Ø180mm)	-	✓	-	✓	-	✓	✓	3780 4090 35
Spot suction for depressed center wheel (only Ø180mm)	-	✓	-	✓	-	✓	✓	3780 4090 30
Add on spot suction (only Ø125mm)	✓	-	✓	-	✓	-	-	3780 4032 14

North American Model

GTG40

Rough Grinding and Cutting

Turbine Grinders



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 in	Air inlet thread NPT in	Ordering No.
GTG40 S060-611	6000	4.5	152	5/8"-11 UNC	22.3	4.6	123	60	20	16	-	1/2	8423 0715 00 (for cup wheel type 11)
GTG40 S060-927	6000	4.5	230	5/8"-11 UNC	22.3	4.3	123	60	20	16	-	1/2	8423 0715 05 (for depressed center wheels, type 27)
GTG40 S060-727	6000	4.5	180	5/8"-11 UNC	22.3	4.3	123	60	20	16	-	1/2	8423 0715 07 (for depressed center wheels, type 27)
GTG40 S085-727	8500	4.5	180	5/8"-11 UNC	22.3	4.3	123	60	20	16	-	1/2	8423 0715 10 (for depressed center wheels, type 27)
GTG40 F120-7D	12000	4.5	180	-	-	3.8	99	60	20	16	-	1/2	8423 0715 30 (for depressed center wheels, type 27)
GTG40 F085-18	8500	4.5	180	-	-	3.8	99	60	20	16	1/2	-	8423 2900 10
GTG40 F066-23	6600	4.5	230	-	-	4.0	99	60	20	16	1/2	-	8423 2910 10
GTG40 S060-C15*	6000	4.5	150	5/8"-11 UNC	22.3	4.3	123	60	20	16	1/2	-	8423 2930 10 (for cup wheel type 11)

*Max cup wheel diameter is 150mm for Model - GTG40 S060-C15

North American Model

Accessories

	8423 0715 00	8423 0715 05	8423 0715 07	8423 0715 10	Ordering No.
Included					
Allen key (8mm)	✓	✓	✓	✓	0462 3500 49
Face spanner	-	-	-	✓	0462 2000 13
Face spanner	-	-	-	✓	4080 0997 00

North American Model

	8423 0715 30	8423 2900 10	8423 2910 10	8423 2930 10	Ordering No.
Included					
Allen key (8mm)	✓	✓	✓	✓	0462 3500 49
Face spanner (30 x Ø5.5 mm)	✓	✓	✓	-	4080 0201 00
Flange nut - type 41 (type 1) cutting wheel	-	✓	✓	-	4175 0193 90
Flange nut - type 27 (type 42) grinding wheel	✓	✓	✓	-	4175 0194 90

	8423 0715 00	8423 0715 05	8423 0715 07	8423 0715 10	Ordering No.
Optional					
MULTIFLEX-1/2-NPT (For North America)	✓	✓	✓	✓	8202 1350 62
Screwdriver (1/4" fem. Hex.)	✓	✓	✓	-	4080 0853 00
Bit-HEXC1/4"-L25.4-T10	✓	✓	✓	-	4023 1321 00
Bit-HEXC1/4"-L25.4-T20	✓	✓	✓	-	4023 1322 00
Bit-HEXE1/4"-L49-T25	✓	✓	✓	-	4023 2220 26
Friction plate - for Australia	✓	✓	✓	-	4175 0200 90

	8423 0715 30	8423 2900 10	8423 2910 10	8423 2930 10	Ordering No.
Optional					
Backing pad kit - Slimline 7" (180mm)	-	✓	✓	-	4170 1888 10
Hose kit (5/8" + TURBO16)	✓	-	-	-	8202 1181 85
Productivity kit (MAXI-F/R-1-BSP C-T16)	-	✓	✓	✓	8202 0850 05
MULTIFLEX-1/2-HF	-	✓	✓	✓	8202 1350 60
MULTIFLEX-1/2-NPT (For North America)	✓	-	-	-	8202 1350 62
Screwdriver (1/4" fem. Hex.)	✓	✓	✓	✓	4080 0853 00
Bit-HEXC1/4"-L25.4-T10	✓	✓	✓	✓	4023 1321 00
Bit-HEXE1/4"-L49-T25	✓	✓	✓	✓	4023 2220 26
Friction plate - for Australia	-	✓	✓	✓	4175 0200 90
Flange nut - type 27 (type 42) wheel, T9-13mm	-	✓	✓	-	4175 0114 92
Diamond cutting wheel - Ø180mm	-	✓	-	-	3780 5074 62
Assembly kit	-	-	-	✓	4175 0178 90



Precision Grinding

Pg no. 09



Rough Grinding and Cutting

Pg no. 33



Surface Sanding and Polishing

Pg no. 61



Percussive

Pg no. 91

Surface Sanding and Polishing



Purpose

In rough grinding, the focus is on the amount or rate of material removal rather than surface finish. However, in surface sanding and polishing applications, much more attention is paid to surface quality. Main examples include sanding, cleaning, light deburring, polishing, and finishing. These operations are sometimes referred to as surface conditioning, which aims to improve the surface without changing the basic shape or dimension of the workpiece. Material removal should be minimal and reasonably uniform, often involving several stages.

There are few hard and fast divisions in material removal, covering a broad spectrum of related applications with gradual and often subjective transitions between grinding and sanding. This overlap can be seen in the equipment and techniques used. For example, sanding with abrasives such as flap wheels or coarse fiber discs can remove as much material as rough grinding but leave a much better surface.

Every surface, when magnified under a powerful microscope, looks like a cross-section of a mountain landscape. To obtain a smoother, more even surface, the contours have to be removed – the “peaks” leveled. This can be done by rubbing an abrasive back and forth over the surface, covering a larger area instead of concentrating on a spot. When a very smooth surface is required, using a liquid is an effective, low-friction way of removing the ‘spent’ grains and rubbing the surface finer. The liquid acts as a coolant. The highest gloss can be obtained by polishing an already smooth surface. A paste with abrasive additives can be applied using a soft bonnet or mop.



Settings: Rotational Speeds

The same basic grinding principle applies to surface applications. Coarser abrasives and higher speeds remove more material. Contact at high speed between the abrasive and surface spreads the feed force over a larger area and more grains, which retain their sharpness and stay attached to the backing longer. The speed shouldn't be so fast that the grains don't penetrate the cracks or hollows. If this happens, only the topmost edges will be removed, and the surface will not be totally smooth.

The key challenge is balancing the speed of our tools. At high speeds, the force is spread over a larger area, which can be efficient. However, at lower speeds, the abrasive can penetrate deeper into cracks. Finding the right speed ensures a thorough sanding and polishing job. This is done by setting the correct operating speed based on several factors: coarseness and flexibility of the abrasive, shape of the backing, and whether a liquid coolant or paste is used.



Technique

To get a smooth, even surface, the pad or abrasive should never be kept still at one spot during surface grinding. If it is, the abrasive tends to dig into the material, and the surface will not be satisfactory. The feed force should be continuously adjusted to the rotational speed, which should be kept at 60-80% of the maximum rotational speed of the tool. When the surface has been made as smooth as possible with a coarse coated abrasive, a finer quality or a nylon-coated abrasive can be used for finishing.



Angle Sanders

Pg no. 63



Belt Sanders

Pg no. 76



Polishers

Pg no. 79



Random Orbital Sanders

Pg no. 82

Angle Sanders

Our angle sanders are designed for high productivity with robust and ergonomic features, delivering high power in a compact tool for smooth and efficient sanding operations.

Description

Our angle sanders are designed to deliver superior power and performance for various applications. This category includes vane and turbine sanders, wet sanders, and angle sanders with threaded spindles. Suitable for tasks ranging from rough to fine sanding, these tools offer high productivity and exceptional surface finishes. Known for their robust and ergonomic design, our angle sanders provide great operator comfort and accessibility in tight spaces. Features like speed governors ensure optimal process speed, while durable angle gears require minimal lubrication. Options for dust extraction improve working conditions and reduce maintenance. Whether you need control in confined areas or powerful performance for heavy-duty tasks, our angle sanders offer an outstanding power-to-weight ratio and superb ergonomics, making them ideal for any surface sanding job.

Features

- Innovative ergonomic design
- Outstanding power-to-weight ratio
- Compact and robust design
- Precise Speed Controlled governor
- Overspeed shut-off device
- Lever equipped with the safety clutch
- Complete list of accessories

Benefits

- Highest material removal rate in its class
- Oil-free operation (for turbine sanders)
- Reduced risk of vibration related injuries
- Excellent operator comfort and accessibility
- Minimum sound levels



LSV12

Pg no. 64



LSV19

Pg no. 65



LSV28

Pg no. 66



LSV29

Pg no. 67



LSV39

Pg no. 69



LSV48

Pg no. 71



GTG22

Pg no. 73



GTG25

Pg no. 74



GTG40

Pg no. 75

LSV12

Surface Sanding and Polishing

Angle Sanders



Model	Max free speed	Max pad dia	Spindle thread	Spindle length	Height over spindle	Max output	Length	Weight	Air consumption at max output	Air consumption at free speed	Rec hose size	Air inlet thread	Ordering No.
	r/min	mm	1/4"-20 UNC	mm	mm	kW			l/s	l/s	mm	BSP	
LSV12 S120	12000	75	1/4"-20 UNC	8	58	0.24	166	0.5	8.3	3.0	8	1/4	8423 1124 07
LSV12 S200	20000	50	1/4"-20 UNC	8	58	0.29	166	0.5	9.5	6.4	8	1/4	8423 1124 08

Accessories

	8423 1124 07	8423 1124 08	Ordering No.
Included			
Open-end spanner (A/F 11mm)	✓	✓	4150 2226 14
Open-end spanner (A/F 17mm)	✓	✓	4150 2226 13
Optional			
Hose kit (Cablair 08; 8 mm (5/16"), L = 0.9 m (L = 3 ft))	✓	✓	4150 1689 80
Productivity kit (MIDI-FRL-1/2-BSP EQ08-C10)	✓	✓	8202 0850 03
MULTIFLEX-1/4-NPT (For North America)	✓	✓	8202 1350 26
MULTIFLEX-1/4 cover	✓	✓	8202 1350 41
MULTIFLEX-1/4	✓	✓	8202 1350 20

LSV19

Surface Sanding and Polishing

Angle Sanders



Model	Max free speed r/min	Max pad dia mm	Spindle thread	Spindle length mm	Height over spindle mm	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 in	Ordering No.
LSV19 S200	20000	50	1/4"-20 UNC	8	59	0.46	186	0.6	11.3	7.5	10	1/4	8423 0111 42
LSV19 S120	12000	75	1/4"-20 UNC	8	59	0.46	186	0.6	11.3	7.5	10	1/4	8423 0111 44
LSV19 S080	8000	75	1/4"-20 UNC	8	59	0.37	186	0.6	11.3	6.5	10	1/4	8423 0111 45

Accessories

	8423 0111 42	8423 0111 44	8423 0111 45	Ordering No.
Included				
Open-end spanner (A/F 9mm)	✓	✓	✓	0902 0409 00
Hose (Soft type, Ø38, L = 1 m)	✓	✓	✓	4150 1314 02
Optional				
Hose kit (Cablair 10; 10 mm, L = 0.7 m)	✓	✓	✓	8202 1180 19
Syringe, filled with grease (RHENUS LKR03, 20 ml)	✓	✓	✓	4081 0530 90
MULTIFLEX-1/4 cover	✓	✓	✓	8202 1350 41
MULTIFLEX-1/4-NPT (For North America)	✓	✓	✓	8202 1350 26
MULTIFLEX-1/4	✓	✓	✓	8202 1350 20
Productivity kit (MIDI-FRL-1/2-BSP EQ08-C10)	✓	✓	✓	8202 0850 03



Model	Max free speed	Max pad dia	Spindle thread	Spindle length	Height over spindle	Max output	Length	Weight	Air consumption at max output	Air consumption at free speed	Rec hose size	Air inlet thread BSP	Ordering No.
	r/min	mm		mm	mm	kW	mm	kg	l/s	l/s	mm	in	
LSV28 S040-01-M14 (wet sanding)	4000	180	M14	23	104	0.62	268	1.5	15.0	4.0	10	3/8	8423 0125 12
LSV28 ST013-M14-LF	1300	180	M14	23	86	0.68	289	1.7	20.0	9.0	10	3/8	8423 0125 28
LSV28 ST008-01-LF (wet sanding)	800	200	5/8"-11 UNC	32	105	0.68	307	2.0	16.0	5.6	10	3/8	8423 0125 51

Accessories

	8423 0125 12	8423 0125 28	8423 0125 51	Ordering No.
Included				
Open-end spanner (A/F 17mm)	✓	✓	-	0902 0417 00
Open-end spanner (A/F 18mm)		✓	✓	4080 0729 00
Hose (Soft type, Ø38, L = 1 m)	✓	✓	✓	4150 1314 02
Allen key (6mm)	✓	✓	✓	4080 0048 00
Optional				
Hose kit (Cablair 10; 10 mm, L = 0.9 m)	✓	✓	✓	4150 1617 80
Syringe, filled with grease (RHENUS LKR03, 20 ml)	✓	✓	✓	4081 0530 90
Backing set, standard type (Ø125 mm - 5/8" - soft)	-	-	✓	4170 0768 80
Backing set, standard type (Ø180 mm - 5/8" - soft)	-	-	✓	4170 0756 80
Backing set, standard type (Ø180 mm - 5/8" - stiff)	-	-	✓	4170 0757 80
Backing set with cooling ribs (Ø125 mm - 5/8" and M14, medium)	✓	✓	✓	4150 1962 80
Backing set with cooling ribs (Ø180 mm - 5/8" and M14, medium)	✓	✓	✓	4150 1962 81
MULTIFLEX-3/8 cover	✓	✓	✓	8202 1350 42
MULTIFLEX-3/8-NPT (For North America)	✓	✓	✓	8202 1350 28
MULTIFLEX-3/8	✓	✓	✓	8202 1350 22



Model	Max free speed	Max pad dia	Spindle thread	Spindle length	Height over spindle	Max output	Length	Weight	Air consumption at max output	Air consumption at free speed	Rec hose size	Air inlet thread BSP	Ordering No.
	r/min	mm		mm	mm	kW	mm	kg	l/s	l/s	mm	in	
LSV29 S060-5/8	6000	180	5/8"-11 UNC	32	86	0.8	268	1.5	20	7	13	3/8	8423 0127 37
LSV29 S060-M14	6000	180	M14	23	86	0.8	266	1.5	20	7	13	3/8	8423 0127 50
LSV29 S018-5/8 (wet sanding)	1800	180	5/8"-11 UNC	32	104	0.8	290	1.7	22	13	13	3/8	8423 0127 52

Accessories

	8423 0127 37	8423 0127 50	8423 0127 52	Ordering No.
Included				
Open-end spanner (A/F 18mm)	✓	-	✓	4080 0729 00
Open-end spanner (A/F 17mm)	-	✓	-	0902 0417 00
Allen key (6mm)	✓	✓	✓	4080 0048 00
Hose (Soft type, Ø38, L = 1 m)	✓	✓	✓	4150 1314 02
Optional				
Hose kit (Cablair 10; 10 mm, L = 0.9 m)	✓	✓	✓	4150 1617 80
Syringe, filled with grease (RHENUS LKR03, 20 ml)	✓	✓	✓	4081 0530 90
Backing set, standard type (Ø125 mm - 5/8" - soft)	✓	-	✓	4170 0768 80
Backing set, standard type (Ø180 mm - 5/8" - soft)	✓	-	✓	4170 0756 80
Backing set, standard type (Ø180 mm - 5/8" - stiff)	✓	-	✓	4170 0757 80
Backing set with cooling ribs (Ø125 mm - 5/8" and M14, medium)	✓	✓	✓	4150 1962 80
Backing set with cooling ribs (Ø180 mm - 5/8" and M14, medium)	✓	✓	✓	4150 1962 81
MULTIFLEX-3/8 cover	✓	✓	✓	8202 1350 42
MULTIFLEX-3/8-NPT (For North America)	✓	✓	✓	8202 1350 28
MULTIFLEX-3/8	✓	✓	✓	8202 1350 22
Productivity kit (MIDI-FRL-1/2-BSP EQ10-T13)	✓	✓	✓	8202 0850 17

Accessories

	8423 0127 37	8423 0127 50	8423 0127 52	Ordering No.
Optional				
Spot suction kit for sanding with fiber disc 125mm (5")	✓			3780 4008 80
• Suction cap 125 mm with brush (incl. in kit)	(✓)	-	-	3780 2650 20
• Backing pad 125 mm (incl. in kit)	(✓)	-	-	3780 2710 30
• Distance washer 12 mm (incl. in kit)	(✓)	-	-	3780 2721 60
• Nut 5/8" (incl. in kit)	(✓)	-	-	3780 2722 00
Spot suction kit for sanding with fiber disc 180mm (7")	✓			3780 4007 90
• Suction cap 180 mm with brush (incl. in kit)	(✓)	-	-	3780 2675 00
• Backing pad 180 mm (incl. in kit)	(✓)	-	-	3780 2710 60
• Distance washer 9 mm (incl. in kit)	(✓)	-	-	3780 2721 50
• Nut 5/8" (incl. in kit)	(✓)	-	-	3780 2726 70



Model	Max free speed	Max pad dia	Spindle thread	Spindle length	Height over spindle	Max output	Length	Weight	Air consumption at max output	Air consumption at free speed	Rec hose size	Air inlet thread BSP	Ordering No.
	r/min	mm											
LSV39 S085-5/8	8500	180	5/8"-11 UNC	28	96	1.8	231	1.6	29.5	16.3	13	3/8	8423 0133 03
LSV39 S085-M14	8500	180	M14	28	96	1.8	231	1.6	29.5	16.3	13	3/8	8423 0133 04
LSV39 S066-5/8	6600	180	5/8"-11 UNC	28	96	1.6	231	1.6	26.2	11.6	13	3/8	8423 0133 05
LSV39 S066-M14	6600	180	M14	28	96	1.6	231	1.6	26.2	11.6	13	3/8	8423 0133 06
LSV39 S120-5/8	12000	125	5/8"-11 UNC	28	96	1.8	231	1.6	29.8	17.6	13	3/8	8423 0133 07
LSV39 S085-M14 S	8500	180	M14	19	96	1.8	231	1.6	29.5	16.3	13	3/8	8423 0133 11

Accessories

	8423 0133 03	8423 0133 04	8423 0133 05	8423 0133 06	8423 0133 07	8423 0133 11	Ordering No.
Included							
Allen key (4mm)	✓	✓	✓	✓	✓	✓	0902 0112 00
Hose (Soft type, Ø38, L = 1 m)	✓	✓	✓	✓	✓	✓	4150 1314 02
Looking kit	✓	✓	✓	✓	✓	✓	4170 1188 00
Optional							
Hose kit (Turbo 13; 13 mm, L = 0.9 m)	✓	✓	✓	✓	✓	✓	4150 1618 81
Syringe, filled with grease (RHENUS LKR03, 20 ml)	✓	✓	✓	✓	✓	✓	4081 0530 90
Backing set, standard type (Ø125 mm - 5/8" - soft)	✓	-	✓	-	✓	-	4170 0768 80
Backing set, standard type (Ø180 mm - 5/8" - soft)	✓	-	✓	-	-	-	4170 0756 80
Backing set, standard type (Ø180 mm - 5/8" - stiff)	✓	-	✓	-	-	-	4170 0757 80
Backing set with cooling ribs (Ø125 mm - 5/8" and M14, medium)	✓	✓	✓	✓	✓	✓	4150 1962 80
Backing set with cooling ribs (Ø180 mm - 5/8" and M14, stiff)	✓	✓	✓	✓	-	✓	4150 1962 83
Backing set with cooling ribs (Ø180 mm - 5/8" and M14, medium)	✓	✓	✓	✓	-	✓	4150 1962 81

Accessories

	8423 0133 03	8423 0133 04	8423 0133 05	8423 0133 06	8423 0133 07	8423 0133 11	Ordering No.
Optional							
Backing set, heavy duty type (Ø120 mm - 5/8")	✓	-	✓	-	✓	-	4175 0883 92
Backing set, heavy duty type (Ø120 mm - M14)	-	✓	-	✓	-	✓	4175 0883 93
Hand shield for Ø125-180 mm	✓	✓	✓	✓	✓	✓	4150 1936 80
Hand shield for Ø125-180 mm (robust)	✓	✓	✓	✓	✓	✓	4150 1941 80
MULTIFLEX-3/8 cover	✓	✓	✓	✓	✓	✓	8202 1350 42
MULTIFLEX-3/8	✓	✓	✓	✓	✓	✓	8202 1350 22
Productivity kit (MIDI-FRL-1/2-BSP EQ10-T13)	✓	✓	✓	✓	✓	✓	8202 0850 17
Spot suction kit for sanding with fiber disc 125mm (5")	✓		✓		✓		3780 4008 85
• Suction cap 125 mm with brush (incl. in kit)	(✓)	-	(✓)	-	(✓)	-	3780 2650 20
• Backing pad 125 mm (incl. in kit)	(✓)	-	(✓)	-	(✓)	-	3780 2710 30
• Adapter (incl. in kit)	(✓)	-	(✓)	-	(✓)	-	4150 2266 90
• Distance washer 9 mm (incl. in kit)	(✓)	-	(✓)	-	(✓)	-	3780 2721 50
• Nut 5/8" (incl. in kit)	(✓)	-	(✓)	-	(✓)	-	3780 2726 70
Spot suction kit for sanding with fiber disc 180mm (7")	✓		✓				3780 4008 84
• Suction cap 180 mm with brush (incl. in kit)	(✓)	-	(✓)	-	-	-	3780 2675 00
• Backing pad 180 mm (incl. in kit)	(✓)	-	(✓)	-	-	-	3780 2710 60
• Adapter (incl. in kit)	(✓)	-	(✓)	-	-	-	4150 2266 90
• Distance washer 9 mm (incl. in kit)	(✓)	-	(✓)	-	-	-	3780 2721 50
• Nut 5/8" (incl. in kit)	(✓)	-	(✓)	-	-	-	3780 2726 70

LSV48

Surface Sanding and Polishing

Angle Sanders



Model	Max free speed	Max pad dia	Spindle thread	Spindle length	Height over spindle	Max output	Length	Weight	Air consumption at max output	Air consumption at free speed	Rec hose size	Air inlet thread BSP	Air inlet thread NPT	Ordering No.
	r/min	mm												
LSV48 SA066	6600	180	5/8"-11 UNC	24	87	2.5	316	2.3	36	17	16	1/2	-	8423 0132 00
LSV48 SA085	8500	180	5/8"-11 UNC	24	87	2.5	316	2.3	36	17	16	1/2	-	8423 0132 02
LSV48 SA085-M14	8500	180	M14	21	78	2.5	316	2.3	36	17	16	1/2	-	8423 0132 03
LSV48 SA066	6600	180	5/8"-11 UNC	24	87	2.5	316	2.3	36	17	16	-	1/2	8423 0707 50
LSV48 SA085-NPT	8500	180	5/8"-11 UNC	24	87	2.5	316	2.3	36	17	16	-	1/2	8423 0707 51

North American Model

Accessories

	8423 0132 00	8423 0132 02	8423 0132 03	8423 0707 50	8423 0707 51	Ordering No.
Included						
Face spanner (30 x Ø6 mm)	✓	✓	-	-	-	4080 0862 00
Allen key (4mm)	✓	✓	✓	✓	✓	0902 0112 00
Hose (TURBO16, 5/8", L = 0.5 m)	✓	✓	✓	-	-	8202 1181 85
Flange nut 5/8" (hub)	-	-	-	✓	-	4170 0448 00
Optional						
Looking kit	✓	✓	✓	✓	✓	4170 1188 94
Syringe, filled with grease (RHENUS LKR03, 20 ml)	✓	✓	✓	✓	✓	4081 0530 90
Backing set, standard type (Ø125 mm - 5/8" - soft)	✓	✓	-	✓	✓	4170 0768 80
Backing set, standard type (Ø180 mm - 5/8" - soft)	✓	✓	-	✓	✓	4170 0756 80
Backing set, standard type (Ø180 mm - 5/8" - stiff)	✓	✓	-	✓	✓	4170 0757 80
Backing set with cooling ribs (Ø125 mm - 5/8" and M14, medium)	✓	✓	✓	✓	✓	4150 1962 80
Backing set with cooling ribs (Ø180 mm - 5/8" and M14, stiff)	✓	✓	✓	✓	✓	4150 1962 83
Backing set with cooling ribs (Ø180 mm - 5/8" and M14, medium)	✓	✓	✓	✓	✓	4150 1962 81

Accessories

	8423 0132 00	8423 0132 02	8423 0132 03	8423 0707 50	8423 0707 51	Ordering No.
Optional						
Backing set, heavy duty type (Ø120 mm - 5/8")	✓	✓	-	-	-	4175 0883 92
Pad (backing pad, UNC 5/8")	✓	✓	-	✓	✓	4170 1192 90
Backing set, heavy duty type (Ø120 mm - M14)	-	-	✓	-	-	4175 0883 93
Flange washer - M14	-	-	✓	-	-	4175 0893 01
Flange washer - 5/8"	✓	✓	-	✓	✓	4175 0893 00
Washer	✓	✓	-	✓	✓	4175 0789 80
MULTIFLEX-1/2-NPT (For North America)	-	-	-	✓	✓	8202 1350 62
MULTIFLEX-1/2-HF	✓	✓	✓	-	-	8202 1350 60
Productivity kit (MIDI-FRL-1/2-BSP EQ10-T16)	✓	✓	✓	-	-	8202 0850 12
Spot suction kit for GRP (diamond cutting) application 180mm (7")	✓	✓	-	-	-	3780 4093 42
Cutting disc - Ø125 mm	✓	✓	-	-	-	3780 5074 61
Cutting disc - Ø180 mm	✓	✓	-	-	-	3780 5074 62
Spot suction kit for sanding with fiber disc 180mm (7")	✓	✓	-	✓	✓	3780 4093 40
• Suction cap 180 mm with brush (incl. in kit)	(✓)	(✓)	-	(✓)	(✓)	3780 2675 00
• Backing pad 180 mm (incl. in kit)	(✓)	(✓)	-	(✓)	(✓)	3780 2710 60
• Distance washer 9 mm (incl. in kit)	(✓)	(✓)	-	(✓)	(✓)	3780 2721 50
• Nut 5/8" (incl. in kit)	(✓)	(✓)	-	(✓)	(✓)	3780 2726 70

North American Model



Model	Max free speed r/min	Max pad dia mm	Spindle thread	Spindle length mm	Height over spindle mm	Max output kW	Weight kg	Air consumption at max output l/s	Air consumption at free speed l/s	Air inlet thread BSP in	Ordering No.
GTG22-HA S85-5/8	8500	180	5/8"-11 UNC	23.4	81	2.3	1.7	32	8	3/8	8423 2222 40
GTG22-HA S85-M14	8500	180	M14	23.4	81	2.3	1.7	32	8	3/8	8423 2222 50

Accessories

	8423 2222 40	8423 2222 50	Ordering No.
Included			
Allen key for support handle	✓	✓	4221 0014 26
Face spanner (30 x Ø5.5 mm)	✓	✓	4080 0201 00
Locking kit (imperial)	✓	-	4170 1188 91
Locking kit (metric)	-	✓	4170 1188 90
Optional			
Whip hose kit (3/8" + RUBAIR16)	✓	✓	4175 0738 90
Productivity kit (MIDI-FRL-1/2-BSP EQ10-T13)	✓	✓	8202 0850 17
MULTIFLEX-3/8	✓	✓	8202 1350 22
Dust extraction kit	✓	✓	3780 4090 27
Pad (backing pad, UNC 5/8" thread)	✓	-	4170 1192 90
Pad (Spiralcool backing pad, M14 thread)	-	✓	4170 1192 91



Model	Max free speed	Max pad dia	Spindle thread	Spindle length	Height over spindle	Max output	Weight	Air consumption at max output	Air consumption at free speed	Rec hose size	Air inlet thread BSP	Air inlet thread NPT	Ordering No.
	r/min	mm		mm	mm	kW	kg	l/s	l/s	mm	in	in	
GTG25-S085	8500	180	5/8"-11 UNC	23.4	84	2.5	2.0	34	9	16	3/8	-	8423 2525 03
GTG25-S085-M14	8500	180	M14	23.4	84	2.5	2.0	34	9	16	3/8	-	8423 2525 04
GTG25-S085-700	8500	180	5/8"-11 UNC	23.4	84	2.5	1.9	34	9	16	-	3/8	8423 2525 08

North American Model

Accessories

	8425 2525 03	8426 2525 04	8429 2525 08	Ordering No.
Included				
Allen key for flange nut	✓	-	-	4080 0048 00
Allen key for support handle	✓	✓	✓	0902 0113 00
Face spanner (30 x Ø5.5 mm)	✓	✓	✓	4080 0201 00
Locking kit (imperial)	✓	-	✓	4170 1188 91
Locking kit (metric)	-	✓	-	4170 1188 90
Optional				
Whip hose kit (3/8" + RUBAIR16)	✓	✓	✓	4175 0738 90
Productivity kit (MIDI-FRL-1/2-BSP EQ10-T13)	✓	✓	✓	8202 0850 17
MULTIFLEX-3/8 cover	✓	✓	✓	8202 1350 42
MULTIFLEX-3/8	✓	✓	✓	8202 1350 22
Dust extraction kit	✓	✓	✓	3780 4090 27
Lever, compl.	✓	✓	-	4150 1594 98
Pad (backing pad, UNC 5/8" thread)	✓	-	✓	4170 1192 90
Pad (Spiralcool backing pad, M14 thread)	-	✓	-	4170 1192 91



Model	Max free speed	Max pad dia	Spindle thread	Spindle length	Height over spindle	Max output	Weight	Air consumption at max output	Air consumption at free speed	Rec hose size	Air inlet thread BSP	Air inlet thread NPT	Ordering No.
	r/min	mm						l/s	l/s		mm	in	
GTG40 S060-700	6000	180	5/8"-11 UNC	22.3	123	4.5	3.6	60	20	16	-	1/2	8423 0715 03
GTG40 S060	6000	140	5/8"-11 UNC	22.3	122	4.5	3.6	60	20	16	1/2	-	8423 2930 00

North American Model

Accessories

	8423 0715 03	8423 2930 00	Ordering No.
Included			
Allen key (8mm)	✓	✓	0462 3500 49
Pad (backing pad, UNC 5/8" thread)	✓	-	4170 1192 90
Optional			
Productivity kit (MAXI-F/R-1-BSP C-T16)	-	✓	8202 0850 05
MULTIFLEX-1/2-HF	-	✓	8202 1350 60
MULTIFLEX-1/2-NPT (For North America)	✓	-	8202 1350 62
Screwdriver (1/4" fem. Hex.)	✓	✓	4080 0853 00
Bit-HEXC1/4"-L25.4-T10	✓	✓	4023 1321 00
Bit-HEXE1/4"-L49-T25	✓	✓	4023 2220 26
Friction plate - for Australia	✓	✓	4175 0200 90
Pad (backing pad heavy duty type, UNC 5/8" thread)	-	✓	4170 1192 90
Pad (Ø180, backing pad with cooling ribs, UNC 5/8" and M14 thread - stiff)	-	✓	4150 1962 83
Pad (Ø180, backing pad with cooling ribs, UNC 5/8" and M14 thread - medium)	-	✓	4150 1962 81
Adapter for positioning support handle 120/135° between handles	-	✓	4175 0164 90
Hand shield	-	✓	4175 0165 90

Belt Sanders

Grind, deburr, blend and polish, on metal, plastic, fiberglass, composites, rubber, glass and more with our belt sanders.

Description

Make a huge difference in small spaces and eliminate burrs and unnecessary costs with our versatile belt sanders. Perfect for cleaning welds, rust removal, or precision sanding in hard-to-reach areas (such as spherical surfaces and tubes), our belt sanders boast a robust framework with enhanced functionality, minimal vibration, and a high power-to-weight ratio. Our belt sanders feature exchangeable support arms, allowing you to change the dimension of the abrasive used. The arm attachment design even accommodates non-Atlas Copco arms for increased flexibility. To make these tools ideal for your applications, we offer arms, abrasives, and felt belts in different sizes, including 3-13mm x 305mm (for the LMB27) and 19mm x 520mm (for the LMB35).

Features

- High power-to-weight ratio
- Speed governor for optimal sanding speed
- Rubber grip on handle for insulation
- Quick and simple grinding belt replacement
- Integrated safety start lever
- Adjustable sanding arm

Benefits

- Reduced risk of vibration related injuries
- Excellent operator comfort and accessibility
- Minimum sound levels
- Excellent accessibility



LMB27

Pg no. 77



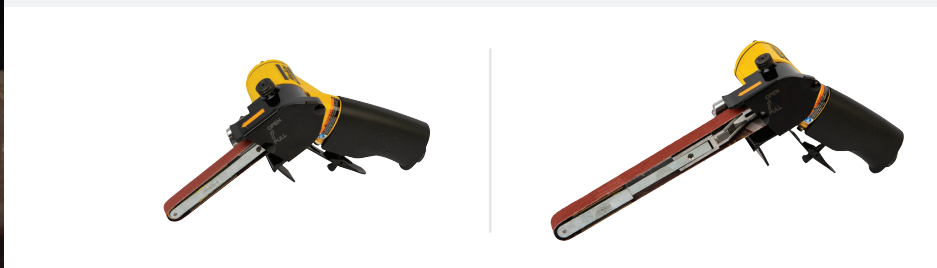
LMB35

Pg no. 77

LMB27 AND LMB35

Surface Sanding and Polishing

Belt Sanders



Model	Max free speed	Belt speed	Belt dimension	Max output	Weight	Air consumption at free speed	Rec hose size	Air inlet thread BSP/NPT	Ordering No.
	r/min	m/min	mm	kW	kg	l/s	mm	in	
LMB27 S014	25000	1400	13x305	0.275	0.9	10	10	1/4	8423 0305 10
LMB35 S015	22000	1500	19x520	0.350	1	11	10	1/4	8423 0305 20

Accessories

	8423 1640 14	8423 1640 22	Ordering No.
Included			
Adapter - 1/4" BSP	✓	✓	4112 1120 00
Adapter - NPT (only for North American market)	✓	✓	4112 1303 00
Optional			
Contact arm sanding belts - 13 x 305 mm (1/2" x 12")(std arm)	✓	-	4112 3007 88
Contact arm sanding belts - 3 and 6 x 305 mm (1/8" and 1/4" x 12")	✓	-	4112 3007 78
Contact arm felt belts - 13 x 305 mm (1/2" x 12")	✓	-	4112 3007 79
Contact arm sanding belts - 19 x 520 mm (3/4" x 20-1/2")(std arm)	-	✓	4112 3008 83
Contact arm sanding belts - 19 x 460 mm (3/4" x 18")	-	✓	4112 3008 81
3M Scotch-brite felt belt kit COARS - 10 pcs, 13 x 305 mm (1/2"x12")	✓	-	4170 1210 00
3M Scotch-brite felt belt kit MEDIUM - 10 pcs, 13 x 305 mm (1/2"x12")	✓	-	4170 1210 01
3M Scotch-brite felt belt kit VERY FINE - 10 pcs, 13 x 305 mm (1/2"x12")	✓	-	4170 1210 02
3M Sanding belt kit GRIT SIZE 40+ / 20 pcs, 6 X 305 mm (1/4"x12")	✓	-	4170 1208 00
3M Sanding belt kit GRIT SIZE 60+ / 20 pcs, 6 X 305 mm (1/4"x12")	✓	-	4170 1208 02
3M Sanding belt kit GRIT SIZE 80+ / 20 pcs, 6 X 305 mm (1/4"x12")	✓	-	4170 1208 03
3M Sanding belt kit GRIT SIZE 120+ / 20 pcs, 6 X 305 mm (1/4"x12")	✓	-	4170 1208 04
3M Sanding belt kit GRIT SIZE 40+ / 20 pcs, 13 X 305 mm (1/2"x12")	✓	-	4170 1208 05
3M Sanding belt kit GRIT SIZE 60+ / 20 pcs, 13 X 305 mm (1/2"x12")	✓	-	4170 1208 06
3M Sanding belt kit GRIT SIZE 80+ / 20 pcs, 13 X 305 mm (1/2"x12")	✓	-	4170 1208 07

Accessories

	8423 1640 14	8423 1640 22	Ordering No.
Optional			
3M Sanding belt kit GRIT SIZE 120+ / 20 pcs, 13 X 305 mm (1/2"x12")	✓	-	4170 1208 08
3M Sanding belt kit GRIT SIZE 40+ / 20 pcs, 19 X 520 mm (3/4"x20-1/2")	-	✓	4170 1208 13
3M Sanding belt kit GRIT SIZE 60+ / 20 pcs, 19 X 520 mm (3/4"x20-1/2")	-	✓	4170 1208 14
3M Sanding belt kit GRIT SIZE 80+ / 20 pcs, 19 X 520 mm (3/4"x20-1/2")	-	✓	4170 1208 15
3M Sanding belt kit GRIT SIZE 120+ / 20 pcs, 19 X 520 mm (3/4"x20-1/2")	-	✓	4170 1208 16
Service kits - Service kit motor	✓	-	4081 0501 90
Service kits - Service kit motor	-	✓	4081 0520 90
Service kits - Motor casing kit	✓	✓	4081 0519 90
Service kits - Service kit belt support	✓	-	4081 0503 90
Service kits - Service kit belt support	-	✓	4081 0521 90
MULTIFLEX-1/4-NPT (For North America)	✓	✓	8202 1350 26
MULTIFLEX-1/4 cover	✓	✓	8202 1350 41
MULTIFLEX-1/4	✓	✓	8202 1350 20
Productivity kit (MIDI-FRL-1/2-BSP EQ08-C10)	✓	✓	8202 0850 03

Polishers

Delivering exceptional control and power through impressive high power and low-speed operation, our polishing sanders are perfect for precision polishing tasks.

Description

Our polishers are designed to be powerful and robust, making them ideal for sanding and smoothing surfaces on wood, metal, non-ferrous objects, and fiberglass (GRP). With their low overall height, they can easily access confined spaces. Our polishers can be used with lambswool pads and various sponges to achieve an optimal surface finish. Available in various speeds to meet your specific needs, our polishers offer impressive high torque at lower speeds, ensuring precise and efficient polishing tasks.



Features

- Max free speed ranges from 1300RPM to 4000RPM
- Compact and robust design
- Lightweight and easy-to-handle design
- Integrated speed controlled governor
- Sealed angle head
- Complete list of accessories

Benefits

- Optimal process speed for different applications
- Highest productivity for its size
- Long service intervals
- Reduced risk of vibration related injuries
- High level of operator safety and comfort



LSV29

Pg no. 80



Model	Max free speed r/min	Max pad dia mm	Spindle thread	Spindle length mm	Height over spindle mm	Max output kW	Weight kg	Air consumption at max output l/s	Air consumption at free speed l/s	Rec hose size mm	Air inlet thread BSP in	Ordering No.
LSV29 S021-M14	2100	180	M14	23	86	0.7	1.9	19	6	13	3/8	8423 0127 34
LSV29 S040-5/8	4000	180	5/8"-11 UNC	32	86	0.7	1.5	19	6	13	3/8	8423 0127 35
LSV29 S013-5/8	1300	180	5/8"-11 UNC	32	86	0.7	1.7	25	9	13	3/8	8423 0127 42
LSV29 S034-5/8	3400	180	5/8"-11 UNC	32	86	0.8	1.7	21	8	13	3/8	8423 0127 44

Accessories

	8423 0127 34	8423 0127 35	8423 0127 42	8423 0127 44	Ordering No.
Included					
Open-end spanner (A/F 18mm)	-	✓	✓	✓	4080 0729 00
Open-end spanner (A/F 17mm)	✓	-	-	-	0902 0417 00
Allen key (6mm)	✓	✓	✓	✓	4080 0048 00
Hose (Soft type, Ø38, L = 1 m)	✓	✓	✓	✓	4150 1314 02
Optional					
Hose kit (Cablair 10; 10 mm, L = 0.9 m)	✓	✓	✓	✓	4150 1617 80
Syringe, filled with grease (RHENUS LKR03, 20 ml)	✓	✓	✓	✓	4081 0530 90
Ø150 mm Velcro pad, thread UNC 5/8" - Max speed 2500 rpm (To be used together with Velcro sponge heads or Velcro lambswool bonnet)	-	✓	✓	✓	4112 6092 15
Ø150 mm lambswool bonnet with Velcro fitting (Max speed 2500 rpm)	-	✓	✓	✓	4112 6093 15
Ø150 mm Velcro sponge head (Max speed 2500 rpm) - White, Dense, firm sponge head for compounding 2-pack paint systems. Excellent result with all leading makes of compound and polish.	-	✓	✓	✓	4112 6094 15
Threaded pads - Ø150 mm white sponge head pad UNC 5/8" (Max speed 4000 rpm)	-	✓	✓	✓	4112 6100 15

Accessories

	8423 0127 34	8423 0127 35	8423 0127 42	8423 0127 44	Ordering No.
Optional					
Threaded pads - Ø180 mm soft plastic UNC 5/8" and spanner (Max speed 8000 rpm)	-	✓	✓	✓	4170 0756 80
MULTIFLEX-3/8 cover	✓	✓	✓	✓	8202 1350 42
MULTIFLEX-3/8-NPT (For North America)	✓	✓	✓	✓	8202 1350 28
MULTIFLEX-3/8	✓	✓	✓	✓	8202 1350 22
Productivity kit (MIDI-FRL-1/2-BSP EQ10-T13)	-	-	✓	-	8202 0850 17
Spot suction kit for sanding with fiber disc 125mm (5")		✓			3780 4008 80
• Suction cap 125 mm with brush (incl. in kit)		✓		-	3780 2650 20
• Backing pad 125 mm (incl. in kit)		✓		-	3780 2710 30
• Distance washer 12 mm (incl. in kit)		✓		-	3780 2721 60
• Nut 5/8" (incl. in kit)		✓		-	3780 2722 00
Spot suction kit for sanding with fiber disc 180mm (7")		✓			3780 4007 90
• Suction cap 180 mm with brush (incl. in kit)		✓		-	3780 2675 00
• Backing pad 180 mm (incl. in kit)		✓		-	3780 2710 60
• Distance washer 9 mm (incl. in kit)		✓		-	3780 2721 50
• Nut 5/8" (incl. in kit)		✓		-	3780 2726 70

Random Orbital Sanders

Our random orbital sanders deliver an exceptionally smooth, swirl-free finish while offering superior ergonomics for comfortable, precise control during extended use.

Description

Our random orbital sanders are designed for high-quality finishes and versatile applications. We deliver excellent results on aluminum and sheet metal pre-painting applications using fine wet or dry sandpaper, featuring an advanced counter-weight system and options for one-handed (S-model) or two-handed (H-models) grips. We do have also compact and easily operated models ideal for various tasks, including paint preparation, polishing with wax, and surface conditioning, with a double counter-weight system to minimize vibrations.



Features

- Double handle grip option (for LST30/LST32)
- Lubrication and silicon free
- Adjustable speed and power
- Double counter-weight system
- Lightweight and easy-to-handle design
- Complete list of accessories

Benefits

- Ergonomic handle for comfort and control
- No contamination on the finished surface
- Optimal process speed for different applications
- Reduced risk of vibration related injuries



LST20

Pg no. 83



LST21

Pg no. 84



LST22

Pg no. 85



LST30

Pg no. 86



LST32

Pg no. 87



Model	Max free speed	Max pad size	Orbit dia	Height over spindle	Air inlet thread BSP	Max output	Weight	Air consumption at free speed	Rec hose size	Handle		Ordering No.
	r/min	mm	mm	mm	in	W	kg	l/s	mm	With	Without	
LST20 R350 (standard model)	12000	90	5	93	1/4	200	0.85	8	8	-	•	8423 0361 65
LST20 R550 (standard model)	12000	125	5	83	1/4	200	0.85	8	8	-	•	8423 0361 69
LST20 R650 (standard model)	12000	150	5	83	1/4	200	0.85	8	8	-	•	8423 0361 73
LST20 R525 (standard model)	12000	125	2.4	83	1/4	200	0.85	8	8	-	•	8423 0361 81
LST20 R625 (standard model)	12000	150	2.4	83	1/4	200	0.85	8	8	-	•	8423 0361 84

Accessories

	8423 0361 65	8423 0361 69	8423 0361 73	8423 0361 81	8423 0361 84	Ordering No.
Included						
Pad velcro - Ø150mm (6")	-	✓	-	✓	-	4112 0795 02
Pad velcro - Ø150mm (6")	-	-	✓	-	✓	4112 1214 00
Pad velcro - Ø89mm (3 1/2")	✓	-	-	-	-	4112 1218 00
Hose nipple for 6.3mm (1/4") hose	✓	✓	✓	✓	✓	9000 0241 00
Wrench (26mm)	✓	✓	✓	✓	✓	4112 1241 00
Optional						
Pad self stick paper - Ø150mm (6")	-	-	✓	-	✓	4112 1235 00
Pad self stick paper - Ø125mm (5")	-	✓	-	✓	-	4112 1233 00
Adapter - Ø1" / 1 1/4"	✓	✓	✓	✓	✓	4112 1220 00
Maintenance tool, compl.	✓	✓	✓	✓	✓	4080 1156 90
Dust extraction hose - L=1.5m (60")	✓	✓	✓	✓	✓	4112 1227 00
Dust Extraction Hose, 1.8 m - Ø25 mm for 125 m3/h suction requirement	✓	✓	✓	✓	✓	3780 2724 20
Dust Extraction Hose, 1.8 m - Ø32 mm for 200 m3/h suction requirement	✓	✓	✓	✓	✓	3780 2724 31
Dust Extraction Hose, 1.8 m - Ø38 mm for 250 m3/h suction requirement	✓	✓	✓	✓	✓	3780 2724 40
MULTIFLEX-1/4-NPT (For North America)	✓	✓	✓	✓	✓	8202 1350 26
MULTIFLEX-1/4 cover	✓	✓	✓	✓	✓	8202 1350 41
MULTIFLEX-1/4	✓	✓	✓	✓	✓	8202 1350 20
Productivity kit (MIDI-FRL-1/2-BSP EQ08-C10)	✓	✓	✓	✓	✓	8202 0850 03



Model	Max free speed	Max pad size	Orbit dia	Height over spindle	Air inlet thread BSP	Max output	Weight	Air consumption at free speed	Rec hose size	Handle		Ordering No.
	r/min	mm								mm	With	
LST21 R550 (self suction)	12000	125	5	84	1/4	200	0.85	8	8	-	•	8423 0361 70
LST21 R650 (self suction)	12000	150	5	84	1/4	200	0.85	8	8	-	•	8423 0361 74

Accessories

	8423 0361 70	8423 0361 74	Ordering No.
Included			
Pad velcro - Ø125mm (5") with 5 holes	✓	-	4112 1217 00
Pad velcro - Ø150mm (6") with 6 holes	-	✓	4112 1215 00
Hose nipple for 6.3mm (1/4") hose	✓	✓	9000 0241 00
Pin key (26mm)	✓	✓	4112 1222 00
Optional			
Pad self stick paper - Ø125mm (5")	✓	-	4112 1232 00
Pad self stick paper - Ø150mm (6")	-	✓	4112 1234 00
Adapter - Ø1" / 1 1/4"	✓	✓	4112 1220 00
Maintenance tool, compl.	✓	✓	4080 1156 90
Dust extraction hose - L=1.5m (60")	✓	✓	4112 1227 00
Dust Extraction Hose, 1.8 m - Ø25 mm for 125 m3/h suction requirement	✓	✓	3780 2724 20
Dust Extraction Hose, 1.8 m - Ø32 mm for 200 m3/h suction requirement	✓	✓	3780 2724 31
Dust Extraction Hose, 1.8 m - Ø38 mm for 250 m3/h suction requirement	✓	✓	3780 2724 40
MULTIFLEX-1/4-NPT (For North America)	✓	✓	8202 1350 26
MULTIFLEX-1/4 cover	✓	✓	8202 1350 41
MULTIFLEX-1/4	✓	✓	8202 1350 20
Productivity kit (MIDI-FRL-1/2-BSP EQ08-C10)	✓	✓	8202 0850 03



Model	Max free speed	Max pad size	Orbit dia	Height over spindle	Air inlet thread BSP	Max output	Weight	Air consumption at free speed	Rec hose size	Handle		Ordering No.
	r/min	mm	mm	mm	in	W	kg	l/s	mm	With	Without	
LST22 R550 (central suction - Required air flow 60 m3/h or 35 cfm)	12000	125	5	84	1/4	200	0.85	8	8	-	•	8423 0361 71
LST22 R650 (central suction - Required air flow 60 m3/h or 35 cfm)	12000	150	5	84	1/4	200	0.85	8	8	-	•	8423 0361 75

Accessories

	8423 0361 71	8423 0361 75	Ordering No.
Included			
Pad velcro - Ø125mm (5") with 5 holes	✓	-	4112 1217 00
Pad velcro - Ø150mm (6") with 6 holes	-	✓	4112 1215 00
Hose nipple for 6.3mm (1/4") hose	✓	✓	9000 0241 00
Pin key (26mm)	✓	✓	4112 1222 00
Optional			
Pad self stick paper - Ø125mm (5")	✓	-	4112 1232 00
Pad self stick paper - Ø150mm (6")	-	✓	4112 1234 00
Adapter - Ø1" / 1 1/4"	✓	✓	4112 1220 00
Maintenance tool, compl.	✓	✓	4080 1156 90
Dust extraction hose - L=1.5m (60")	✓	✓	4112 1227 00
Dust Extraction Hose, 1.8 m - Ø25 mm for 125 m3/h suction requirement	✓	✓	3780 2724 20
Dust Extraction Hose, 1.8 m - Ø32 mm for 200 m3/h suction requirement	✓	✓	3780 2724 31
Dust Extraction Hose, 1.8 m - Ø38 mm for 250 m3/h suction requirement	✓	✓	3780 2724 40
MULTIFLEX-1/4-NPT (For North America)	✓	✓	8202 1350 26
MULTIFLEX-1/4 cover	✓	✓	8202 1350 41
MULTIFLEX-1/4	✓	✓	8202 1350 20
Productivity kit (MIDI-FRL-1/2-BSP EQ08-C10)	✓	✓	8202 0850 03

LST30

Surface Sanding and Polishing

Random Orbital Sanders



Model	Max free speed	Max pad size	Orbit dia	Height over spindle	Air inlet thread BSP	Max output	Weight	Air consumption at free speed	Rec hose size	Handle		Ordering No.
	r/min	mm		mm	mm	in		W	kg	l/s	mm	
LST30 H090-15	9000	150	8	118	1/4	300	1.2	7.5	8	-	•	8423 0361 72
LST30 S090-15	9000	150	8	118	1/4	300	1.1	7.5	8	-	•	8423 0361 98

Accessories

	8423 0361 72	8423 0361 98	Ordering No.
Included			
Pad velcro - Ø150mm (6")	✓	✓	4112 0795 02
Lever for changing pad	✓	✓	4112 0779 00
Hose nipple for 8mm (5/16") hose	✓	✓	9090 1715 00
Optional			
Dust Extraction Hose, 1.8 m - Ø25 mm for 125 m3/h suction requirement	✓	✓	3780 2724 20
Dust Extraction Hose, 1.8 m - Ø32 mm for 200 m3/h suction requirement	✓	✓	3780 2724 31
Dust Extraction Hose, 1.8 m - Ø38 mm for 250 m3/h suction requirement	✓	✓	3780 2724 40
MULTIFLEX-1/4-NPT (For North America)	✓	✓	8202 1350 26
MULTIFLEX-1/4 cover	✓	✓	8202 1350 41
MULTIFLEX-1/4	✓	✓	8202 1350 20
Productivity kit (MIDI-FRL-1/2-BSP EQ08-C10)	✓	✓	8202 0850 03



Model	Max free speed	Max pad size	Orbit dia	Height over spindle	Air inlet thread	Max output	Weight	Air consumption at free speed	Rec hose size	Handle		Ordering No.
	r/min	mm	mm	mm	in	W	kg	l/s	mm	With	Without	
LST32 H090-15 (central suction - Required air flow 150 m ³ /h or 88 cfm)	9000	150	8	121	1/4	300	1.4	7.5	8	•	-	8423 0362 55
LST32 S090-15 (central suction - Required air flow 150 m ³ /h or 88 cfm)	9000	150	8	118	1/4	300	1.3	7.5	8	-	•	8423 0362 71

Accessories

	8423 0362 55	8423 0362 71	Ordering No.
Included			
Pad velcro - Ø150mm (6") with 6 holes	✓	✓	4112 1215 00
Lever for changing pad	✓	✓	4112 0779 00
Hose nipple for 8mm (5/16") hose	✓	✓	9090 1715 00
Optional			
Dust Extraction Hose, 1.8 m - Ø25 mm for 125 m ³ /h suction requirement	✓	✓	3780 2724 20
Dust Extraction Hose, 1.8 m - Ø32 mm for 200 m ³ /h suction requirement	✓	✓	3780 2724 31
Dust Extraction Hose, 1.8 m - Ø38 mm for 250 m ³ /h suction requirement	✓	✓	3780 2724 40
MULTIFLEX-1/4-NPT (For North America)	✓	✓	8202 1350 26
MULTIFLEX-1/4 cover	✓	✓	8202 1350 41
MULTIFLEX-1/4	✓	✓	8202 1350 20
Productivity kit (MIDI-FRL-1/2-BSP EQ08-C10)	✓	✓	8202 0850 03



Precision Grinding

Pg no. 09



Rough Grinding and Cutting

Pg no. 33



Surface Sanding and Polishing

Pg no. 61



Percussive

Pg no. 91

Percussive



Selecting the Right Percussive Tool from a material perspective

When selecting a hammer for various tasks, it's important to consider the specific requirements of the job at hand. Different materials and applications demand different types of hammers to ensure efficiency and prevent damage.



Light Chipping and Scaling

For weld flux, rust, and paint removal, as well as cleaning of castings, a scaler or small chipping hammer with a high blow rate is ideal. High impact energy is rarely needed as the material is easily removed. Too high impact energy increases the risk of unnecessary damage to surrounding areas. Rust and paint removal is preferably done with a needle scaler or a scaler with a wide chisel.



Heavy Chipping and Trimming

For steel structures, medium or large-sized chipping hammers are required. Large hammers can also be used to remove burnt-on sand or for concrete demolition. They are well suited for cleaning foundry crucibles, cement mixers, and more.



The Metal Matters

Metals come in different alloys and hardness, and construction materials such as concrete can be reinforced. This makes it challenging to find a chipping hammer best suited for the job, as different variants (alloys) of the same material may have different mechanical properties.



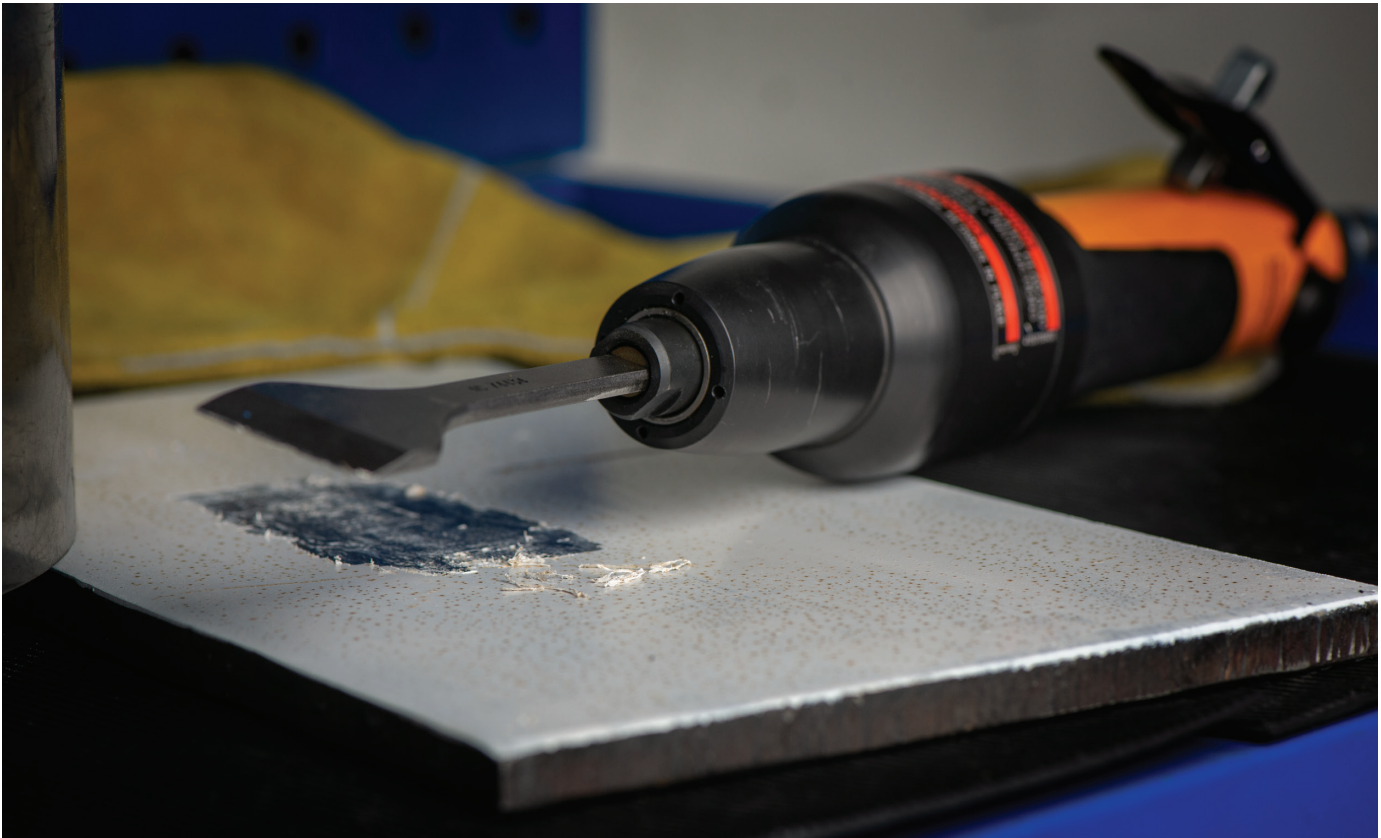
Soft Materials

For scaling (not demolition), scalers or small chipping hammers with low impact energy or short stroke are preferable. The impact energy is sufficient to remove the material but not too high to damage surrounding areas. Productivity is kept high thanks to the high impact rate. Reinforced soft materials may need a hammer with higher blow energy to penetrate the material and maintain high productivity.



Tougher Materials

The choice of chipping hammer depends on the metal, alloy, and application. For removal of flux from light-alloy materials and iron castings, a small chipping hammer can be used. Sheet cutting requires small or medium-sized chipping hammers with higher impact energy to penetrate the material. Small and medium-sized chipping hammers are also suitable for light fettling of castings, splitting spot welds, and plug hole drilling.



Scalers

Pg no. 93



Chipping Hammers

Pg no. 99

Scalers

Experience the efficiency and comfort of our scalers. Whether you're tackling heavy weld slag in an industrial setting or cleaning up a delicate surface, we have the perfect scaler for your needs.

Description

Our scalers are perfect for removing weld flux, paint, and rust, as well as for light concrete trimming. Choose between the different models: Atlas Copco offers a wide array of scalers suitable for all applications, from scaling to light chipping.

Features

- Outstanding power-to-weight ratio
- Unique vibration damping system (for RVM08)
- Clean-blowing device (for RVM08 and RRC13B/N)
- Lightweight robust alloy casing
- Quick change retainer
- Compact with a set of 19 needles (for RRC13N)
- Complete set of ISO chisels

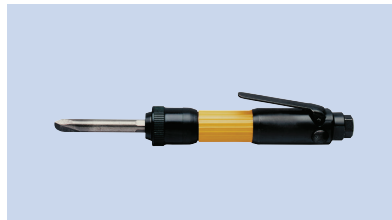
Benefits

- Highest productivity for its size
- Long service intervals
- Reduced risk of vibration related injuries
- Easy to change chisel
- Minimum sound levels



RRC13

Pg no. 94



RRC13B

Pg no. 95



RRC13N

Pg no. 97



RVM08

Pg no. 98



Model	Length mm	Weight kg	Blow Hz	Stroke mm	Energy per blow J	Air consumption at free speed l/s	Rec hose size mm	Air inlet thread BSP in	Ordering No.
RCC13	221	1.4	73	35	1.4	4	10	3/8	8425 0101 30

Accessories

	8425 0101 30	Ordering No.
Included		
Adapter	✓	4150 1229 80
Adapter (for North America)	✓	4150 1229 81
Scaling chisel (Square shank 13mm (1/2")) - W = 15 mm (0.59"), L = 155 mm (6.1")	✓	3085 0018 00
Optional		
Scaling chisel (Square shank 13mm (1/2")) - W = 15 mm (0.59"), L = 200 mm (7.9")	✓	3085 0018 02
Scaling chisel (Square shank 13mm (1/2")) - W = 15 mm (0.59"), L = 300 mm (11.8")	✓	3085 0018 01
Angle scraper chisel (Square shank 13mm (1/2")) - W = 35 mm (1.38"), L = 165 mm (6.5")	✓	3085 0176 00
Angle scraper chisel (Square shank 13mm (1/2")) - W = 35 mm (1.38"), L = 200 mm (7.9")	✓	3085 0176 01
Angle scraper chisel (Square shank 13mm (1/2")) - W = 55 mm (2.17"), L = 165 mm (6.5")	✓	3085 0333 00
Wide flat chisel (Square shank 13mm (1/2")) - W = 35 mm (1.38"), L = 165 mm (6.5")	✓	3085 0032 00
Wide flat chisel (Square shank 13mm (1/2")) - W = 35 mm (1.38"), L = 200 mm (7.9")	✓	3085 0032 01
Wide flat chisel (Square shank 13mm (1/2")) - W = 35 mm (1.38"), L = 300 mm (11.8")	✓	3085 0032 02
Wide flat chisel (Square shank 13mm (1/2")) - W = 55 mm (2.17"), L = 165 mm (6.5")	✓	3085 0332 00
Flat chisel (Square shank 13mm (1/2")) - W = 15 mm (0.59"), L = 165 mm (6.5")	✓	3085 0227 00
Flat chisel (Square shank 13mm (1/2")) - W = 15 mm (0.59"), L = 200 mm (7.9")	✓	3085 0227 01
Chisel blank (Square shank 13mm (1/2")) - W = 15 mm (0.59"), L = 155 mm (6.1")	✓	3085 0020 00
Chisel blank (Square shank 13mm (1/2")) - W = 15 mm (0.59"), L = 200 mm (7.9")	✓	3085 0020 01
Chisel blank (Square shank 13mm (1/2")) - W = 15 mm (0.59"), L = 300 mm (11.8")	✓	3085 0020 02
Hand guard	✓	3510 0246 90
Productivity kit (MIDI-FRL-1/2-BSP EQ08-C10)	✓	8202 0850 07
MULTIFLEX-3/8 cover	✓	8202 1350 42
MULTIFLEX-3/8-NPT (For North America)	✓	8202 1350 28
MULTIFLEX-3/8	✓	8202 1350 22



Model	Length mm	Weight kg	Blow Hz	Stroke mm	Energy per blow J	Air consumption at free speed l/s	Rec hose size mm	Air inlet thread BSP in	Ordering No.
RRC13B	231	1.6	73	35	1.4	4.0	10	3/8	8425 0101 33
RRC13B	231	1.6	98	36	1.2	4.9	10	3/8	8425 0101 34

North American Model

Accessories

	8425 0101 33	8425 0101 34	Ordering No.
Included			
Adapter	✓	-	4150 1229 80
Adapter (for North America)	✓	✓	4150 1229 81
Scaling chisel (Square shank 13mm (1/2") US) - W = 15 mm (0.59"), L = 185 mm (7.3")	-	✓	3512 0070 00
Scaling chisel (Square shank 13mm (1/2")) - W = 15 mm (0.59"), L = 155 mm (6.1")	✓	-	3085 0018 00
Optional			
Scaling chisel (Square shank 13mm (1/2")) - W = 15 mm (0.59"), L = 200 mm (7.9")	✓	-	3085 0018 02
Scaling chisel (Square shank 13mm (1/2")) - W = 15 mm (0.59"), L = 300 mm (11.8")	✓	-	3085 0018 01
Angle scraper chisel (Square shank 13mm (1/2")) - W = 35 mm (1.38"), L = 165 mm (6.5")	✓	-	3085 0176 00
Angle scraper chisel (Square shank 13mm (1/2")) - W = 35 mm (1.38"), L = 200 mm (7.9")	✓	-	3085 0176 01
Angle scraper chisel (Square shank 13mm (1/2")) - W = 55 mm (2.17"), L = 165 mm (6.5")	✓	-	3085 0333 00
Wide flat chisel (Square shank 13mm (1/2")) - W = 35 mm (1.38"), L = 165 mm (6.5")	✓	-	3085 0032 00
Wide flat chisel (Square shank 13mm (1/2")) - W = 35 mm (1.38"), L = 200 mm (7.9")	✓	-	3085 0032 01
Wide flat chisel (Square shank 13mm (1/2")) - W = 35 mm (1.38"), L = 300 mm (11.8")	✓	-	3085 0032 02
Wide flat chisel (Square shank 13mm (1/2")) - W = 55 mm (2.17"), L = 165 mm (6.5")	✓	-	3085 0332 00
Flat chisel (Square shank 13mm (1/2")) - W = 15 mm (0.59"), L = 165 mm (6.5")	✓	-	3085 0227 00
Flat chisel (Square shank 13mm (1/2")) - W = 15 mm (0.59"), L = 200 mm (7.9")	✓	-	3085 0227 01
Chisel blank (Square shank 13mm (1/2")) - W = 15 mm (0.59"), L = 155 mm (6.1")	✓	-	3085 0020 00
Chisel blank (Square shank 13mm (1/2")) - W = 15 mm (0.59"), L = 200 mm (7.9")	✓	-	3085 0020 01

Accessories

	8425 0101 33	8425 0101 34	Ordering No.
Optional			
Chisel blank (Square shank 13mm (1/2")) - W = 15 mm (0.59"), L = 300 mm (11.8")	✓	-	3085 0020 02
Hand guard	✓	-	3510 0246 90
Productivity kit (MIDI-FRL-1/2-BSP EQ08-C10)	✓	-	8202 0850 07
MULTIFLEX-3/8 cover	✓	-	8202 1350 42
MULTIFLEX-3/8-NPT (For North America)	✓	✓	8202 1350 28
MULTIFLEX-3/8	✓	-	8202 1350 22

North American Model

RRC13N

Percussive

Scalers



Model	Length mm	Weight kg	Blow Hz	Stroke mm	Energy per blow J	Air consumption at free speed l/s	Rec hose size mm	Air inlet thread BSP in	Ordering No.
RRC13N	352	1.9	73	35	1.4	4.0	10	3/8	8425 0101 36

Accessories

	8425 0101 36	Ordering No.
Included		
Adapter	✓	4150 1229 80
Adapter (for North America)	✓	4150 1229 81
Needle set of 19 needles, L = 100 mm - steel, standard	✓	3510 0221 90
Optional		
Needle set of 19 needles, L = 100 mm - steel flat ends	✓	3510 0227 90
Needle set of 19 needles, L = 100 mm - stainless steel flat ends	✓	3510 0228 90
Needle set of 19 needles, L = 100 mm - beryllium copper flat ends (spark resistant)	✓	3510 0229 90
Isolation cover - L = 71.5 mm	✓	3510 0517 01
Productivity kit (MIDI-FRL-1/2-BSP EQ08-C10)	✓	8202 0850 07
MULTIFLEX-3/8 cover	✓	8202 1350 42
MULTIFLEX-3/8-NPT (For North America)	✓	8202 1350 28
MULTIFLEX-3/8	✓	8202 1350 22

RVM08

Percussive

Scalers



Model	Length mm	Weight kg	Blow Hz	Stroke mm	Energy per blow J	Air consumption at free speed l/s	Rec hose size mm	Air inlet thread BSP in	Ordering No.
RVM08B	273	1.6	100	7.5	0.9	3.8	6.3	1/4	8425 0105 40

Accessories

	Ordering No.
Included	
Open-end spanner (A/F 14mm)	4080 0153 00
Chisel - 10mm (0.39") with tungsten carb. tip - L = 120 mm (4.7")	3085 0321 00
Optional	
Chisel - 10 mm (0.39"), with tungsten carb. tip - L = 200 mm (7.9")	3085 0321 01
Chisel - 10 mm (0.39"), with tungsten carb. tip - L = 300 mm (11.8")	3085 0321 02
Chisel - 10 mm (0.39"), through hardened steel tip - L = 120 mm (4.7")	3085 0325 00
Chisel - 20 mm (0.79"), with tungsten carb. tip - L = 120 mm (4.7")	3085 0345 00
Chisel - 20 mm (0.79"), through hardened steel tip - L = 120 mm (4.7")	3085 0346 00
Chisel - 35 mm (1.38"), with tungsten carb. tip - L = 120 mm (4.7")	3085 0322 00
Chisel - 35 mm (1.38"), through hardened steel tip - L = 120 mm (4.7")	3085 0327 00
Chisel - 35 mm (1.38"), through hardened steel tip - L = 300 mm (11.8")	3085 0327 01
Chisel - 35 mm (1.38"), with tungsten carb. tip - L = 300 mm (11.8")	3085 0322 01
Productivity kit (MIDI-FRL-1/2-BSP EQ08-C08)	8202 0850 00
MULTIFLEX-1/4-NPT (For North America)	8202 1350 26
MULTIFLEX-1/4 cover	8202 1350 41
MULTIFLEX-1/4	8202 1350 20

Chipping Hammers

Experience our robust chipping hammers, durable and high-impact tools designed for the toughest jobs in foundries, shipyards, offshore installations and other heavy industries.

Description

Our chipping hammers are ideal tools for material removal tasks in foundries, engineering workshops, shipyards, and the construction industry. The lightweight construction provides excellent vibration damping (for all the RRDs and RRFs), reducing user fatigue and enhancing operator safety from prolonged exposure to noise and vibration. Characterized by a sturdy structure, our chipping hammers ensure service longevity and consistent performance. Whether equipped with an easily serviceable D-handle, or a swan neck handle with an outside trigger and long nozzle, our chipping hammers make it easy to work in tight, hard-to-reach spaces. With a maximum energy per blow of 16 Joules, our Atlas Copco chipping hammers stand out as a top choice for efficiency and reliability.

Features

- Fast and powerful percussive mechanism
- Unique vibration damping system (for RRFs and RRDs)
- Lightweight robust alloy casing
- Quick change retainer
- Complete set of ISO chisels

Benefits

- Highest productivity for its size
- Long service intervals
- Reduced risk of vibration related injuries
- Easy to change chisel
- Retainer accepts wide chisels (for RRC65B and RRC75B)



RRF21

Pg no. 100



RRF31

Pg no. 102



RRD37

Pg no. 104



RRD57

Pg no. 105



RRC22F

Pg no. 106



RRC34B

Pg no. 108



RRC65B

Pg no. 109



RRC75B

Pg no. 110



Model	Length	Weight	Blow	Stroke	Energy per blow	Bushing	Air consumption at free speed	Rec hose size	Air inlet thread BSP	Bushing type		Vibration damped	Ordering No.
	mm	kg	Hz	mm	J	mm	l/s	mm	in	Hex	Round		
RRF21-01	245	1.75	57	33	2	12.7	6.5	10	3/8	•	-	•	8425 1104 05

Accessories

	Ordering No.
Included	
Spring set (soft, yellow - Ø2mm)	3512 0311 90
Adapter	3512 0322 80
Adapter (for North America)	3512 0339 80
Chisel retainer, compl. (closed type)	3512 0289 90
Optional	
Chisel blank Hex ISO 12.7mm (1/2") - W = 13 mm (0.51"), L = 200 mm (7.9")	3085 0182 00
Chisel blank Hex ISO 12.7mm (1/2") - W = 13 mm (0.51"), L = 350 mm (13.8")	3085 0182 01
Chisel blank Hex ISO 12.7mm (1/2") - W = 13 mm (0.51"), L = 400 mm (15.7")	3085 0182 04
Chisel blank Hex ISO 12.7mm (1/2") - W = 13 mm (0.51"), L = 500 mm (19.7")	3085 0182 05
Flat chisel Hex ISO 12.7mm (1/2") - W = 13 mm (0.51"), L = 200 mm (7.9")	3085 0183 00
Flat chisel Hex ISO 12.7mm (1/2") - W = 15 mm (0.59"), L = 200 mm (7.9")	3085 0376 00
Sharp chisel Hex ISO 12.7mm (1/2") - W = 15 mm (0.59"), L = 200 mm (7.9")	3085 0170 00
Sharp chisel Hex ISO 12.7mm (1/2") - W = 15 mm (0.59"), L = 300 mm (11.8")	3085 0170 01
Spot weld chisel Hex ISO 12.7mm (1/2") - W = 17 mm (0.67"), L = 200 mm (7.9")	3085 0301 00
Angle scraper chisel Hex ISO 12.7mm (1/2") - W = 30 mm (1.18"), L = 200 mm (7.9")	3085 0262 00
Pipe cutting chisel Hex ISO 12.7mm (1/2") - W = 20 mm (0.79"), L = 200 mm (7.9")	3085 0302 00
Pipe cutting chisel Hex ISO 12.7mm (1/2") - W = 35 mm (1.38"), L = 200 mm (7.9")	3085 0303 00
Plate cutting chisel Hex ISO 12.7mm (1/2") - W = 14.5 mm (0.57"), L = 200 mm (7.9")	3085 0263 00
Plate cutting chisel Hex ISO 12.7mm (1/2") - W = 16 mm (0.63"), L = 200 mm (7.9")	3085 0173 00
Moil point chisel Hex ISO 12.7mm (1/2") - W = 13 mm (0.51"), L = 200 mm (7.9")	3085 0297 00

Accessories

	Ordering No.
Optional	
Moil point chisel Hex ISO 12.7mm (1/2") - W = 13 mm (0.51"), L = 305 mm (12")	3085 0297 01
Chisel retainer, compl. (open type)	3512 0290 90
Power regulator	3512 0273 80
Productivity kit (MIDI-FRL-1/2-BSP EQ08-C10)	8202 0850 07
MULTIFLEX-3/8 cover	8202 1350 42
MULTIFLEX-3/8-NPT (For North America)	8202 1350 28
MULTIFLEX-3/8	8202 1350 22



Model	Length	Weight	Blow	Stroke	Energy per blow	Bushing	Air consumption at free speed	Rec hose size	Air inlet thread BSP	Bushing type		Vibration damped	Ordering No.
	mm	kg	Hz	mm	J	mm	l/s	mm	in	Hex	Round		
RRF31-01	265	2.5	38	43	4.4	12.7	7.5	10	3/8	•	-	•	8425 1104 15
RRF31-02	265	2.5	38	43	4.4	12.7	7.5	10	3/8	-	•	•	8425 1104 16

Accessories

	8425 1104 15	8425 1104 16	Ordering No.
Included			
Spring set (soft, yellow)	✓	✓	3512 0316 90
Adapter	✓	✓	3512 0322 80
Adapter (for North America)	✓	✓	3512 0339 80
Chisel retainer, compl. (closed type)	✓	✓	3512 0304 90
Optional			
Chisel blank Hex ISO 12.7mm (1/2") - W = 13 mm (0.51"), L = 200 mm (7.9")	✓	-	3085 0182 00
Chisel blank Hex ISO 12.7mm (1/2") - W = 13 mm (0.51"), L = 350 mm (13.8")	✓	-	3085 0182 01
Chisel blank Hex ISO 12.7mm (1/2") - W = 13 mm (0.51"), L = 400 mm (15.7")	✓	-	3085 0182 04
Chisel blank Hex ISO 12.7mm (1/2") - W = 13 mm (0.51"), L = 500 mm (19.7")	✓	-	3085 0182 05
Flat chisel Hex ISO 12.7mm (1/2") - W = 13 mm (0.51"), L = 200 mm (7.9")	✓	-	3085 0183 00
Flat chisel Round ISO 12.7mm (1/2") - W = 13 mm (0.51"), L = 200 mm (7.9")	-	✓	3085 0184 00
Flat chisel Hex ISO 12.7mm (1/2") - W = 15 mm (0.59"), L = 200 mm (7.9")	✓	-	3085 0376 00
Sharp chisel Hex ISO 12.7mm (1/2") - W = 15 mm (0.59"), L = 200 mm (7.9")	✓	-	3085 0170 00
Sharp chisel Hex ISO 12.7mm (1/2") - W = 15 mm (0.59"), L = 300 mm (11.8")	✓	-	3085 0170 01
Spot weld chisel Hex ISO 12.7mm (1/2") - W = 17 mm (0.67"), L = 200 mm (7.9")	✓	-	3085 0301 00
Angle scraper chisel Hex ISO 12.7mm (1/2") - W = 30 mm (1.18"), L = 200 mm (7.9")	✓	-	3085 0262 00
Pipe cutting chisel Hex ISO 12.7mm (1/2") - W = 20 mm (0.79"), L = 200 mm (7.9")	✓	-	3085 0302 00
Pipe cutting chisel Hex ISO 12.7mm (1/2") - W = 35 mm (1.38"), L = 200 mm (7.9")	✓	-	3085 0303 00
Plate cutting chisel Hex ISO 12.7mm (1/2") - W = 14.5 mm (0.57"), L = 200 mm (7.9")	✓	-	3085 0263 00

Accessories

	8425 1104 15	8425 1104 16	Ordering No.
Optional			
Plate cutting chisel Hex ISO 12.7mm (1/2") - W = 16 mm (0.63"), L = 200 mm (7.9")	✓	-	3085 0173 00
Moil point chisel Hex ISO 12.7mm (1/2") - W = 13 mm (0.51"), L = 200 mm (7.9")	✓	-	3085 0297 00
Moil point chisel Hex ISO 12.7mm (1/2") - W = 13 mm (0.51"), L = 305 mm (12")	✓	-	3085 0297 01
Chisel retainer, compl. (open type)	✓	✓	3512 0305 90
Power regulator	✓	✓	3512 0273 80
Productivity kit (MIDI-FRL-1/2-BSP EQ08-C10)	✓	✓	8202 0850 07
MULTIFLEX-3/8 cover	✓	✓	8202 1350 42
MULTIFLEX-3/8-NPT (For North America)	✓	✓	8202 1350 28
MULTIFLEX-3/8	✓	✓	8202 1350 22

RRD37

Percussive
Chipping Hammers



Model	Length mm	Weight kg	Blow Hz	Stroke mm	Energy per blow J	Bushing mm	Air consumption at free speed l/s	Rec hose size mm	Air inlet thread BSP	Bushing type	Integrated hose barb	Vibration damped	Ordering No.
									in	Hex Round			
RRD37-11 (guided model)	418	3	35	70	6.8	17.3	7.2	12.5	Special	- (Spline)	•	•	8425 1101 22

Accessories

	Ordering No.
Included	
Knob, compl.	3510 0330 80
Flat chisel Round ISO with splines 17.3mm (0.68") - W = 22 mm (0.86"), L = 250 mm (9.8")	3085 0236 01
Nipple	3510 0250 00
Adapter	3510 0251 00
Seal ring	3510 0249 00
Nipple, compl. (for North America)	3510 0591 80
Optional	
Chisel blank Round ISO with splines 17.3mm (0.68") - W = 22 mm (0.86"), L = 250 mm (9.8")	3085 0242 00
Chisel blank Round ISO with splines 17.3mm (0.68") - W = 22 mm (0.86"), L = 340 mm (13.4")	3085 0242 01
Chisel blank Round ISO with splines 17.3mm (0.68") - W = 22 mm (0.86"), L = 550 mm (21.7")	3085 0242 02
Chisel blank Round ISO with splines 17.3mm (0.68") - W = 22 mm (0.86"), L = 800 mm (31.5")	3085 0242 03
Chisel blank Round ISO with splines 17.3mm (0.68") - W = 22 mm (0.86"), L = 1200 mm (47.2")	3085 0242 04
Flat chisel Round ISO with splines 17.3mm (0.68") - W = 22 mm (0.86"), L = 215 mm (8.5")	3085 0236 00
Flat chisel Round ISO with splines 17.3mm (0.68") - W = 22 mm (0.86"), L = 340 mm (13.4")	3085 0236 02
Flat chisel Round ISO with splines 17.3mm (0.68") - W = 22 mm (0.86"), L = 550 mm (21.7")	3085 0236 03
Flat chisel Round ISO with splines 17.3mm (0.68") - W = 32 mm (1.26"), L = 340 mm (13.4")	3085 0252 00
Wide flat chisel Round ISO with splines 17.3mm (0.68") - W = 50 mm (1.97"), L = 340 mm (13.4")	3085 0250 00
Extra wide flat chisel Round ISO with splines 17.3mm (0.68") - W = 130 mm (5.12"), L = 400 mm (15.7")	3085 0998 00
Angle scraper chisel Round ISO with splines 17.3mm (0.68") - W = 50 mm (1.97"), L = 335 mm (13.1")	3085 0350 00
Moil point chisel Round ISO with splines 17.3mm (0.68") - W = 22 mm (0.86"), L = 340 mm (13.4")	3085 0249 00



Model	Length mm	Weight kg	Blow Hz	Stroke mm	Energy per blow J	Bushing mm	Air con- sumption at free speed	Rec hose size	Air inlet thread BSP	Bushing type		Integrated hose barb	Vibration damped	Ordering No.
							l/s	mm	in	Hex	Round			
RRD57-11 (guided model)	458	3.4	31	92	9.3	17.3	9.5	12.5	Special	-	• (Spline)	•	•	8425 1103 20
RRD57-12 (not-guided model)	458	3.4	31	92	9.3	17.3	9.5	12.5	Special	-	• (Spline)	•	•	8425 1103 38

Accessories

	8425 1103 20	8425 1103 38	Ordering No.
Included			
Knob, compl.	✓	✓	3510 0330 80
Flat chisel Round ISO with splines 17.3mm (0.68") - W = 22 mm (0.86"), L = 250 mm (9.8")	✓	✓	3085 0236 01
Nipple	✓	✓	3510 0250 00
Adapter	✓	✓	3510 0251 00
Seal ring	✓	✓	3510 0249 00
Nipple, compl. (for North America)	✓	✓	3510 0591 80
Optional			
Chisel blank Round ISO with splines 17.3mm (0.68") - W = 22 mm (0.86"), L = 250 mm (9.8")	✓	✓	3085 0242 00
Chisel blank Round ISO with splines 17.3mm (0.68") - W = 22 mm (0.86"), L = 340 mm (13.4")	✓	✓	3085 0242 01
Chisel blank Round ISO with splines 17.3mm (0.68") - W = 22 mm (0.86"), L = 550 mm (21.7")	✓	✓	3085 0242 02
Chisel blank Round ISO with splines 17.3mm (0.68") - W = 22 mm (0.86"), L = 800 mm (31.5")	✓	✓	3085 0242 03
Chisel blank Round ISO with splines 17.3mm (0.68") - W = 22 mm (0.86"), L = 1200 mm (47.2")	✓	✓	3085 0242 04
Flat chisel Round ISO with splines 17.3mm (0.68") - W = 22 mm (0.86"), L = 215 mm (8.5")	✓	✓	3085 0236 00
Flat chisel Round ISO with splines 17.3mm (0.68") - W = 22 mm (0.86"), L = 340 mm (13.4")	✓	✓	3085 0236 02
Flat chisel Round ISO with splines 17.3mm (0.68") - W = 22 mm (0.86"), L = 550 mm (21.7")	✓	✓	3085 0236 03
Flat chisel Round ISO with splines 17.3mm (0.68") - W = 32 mm (1.26"), L = 340 mm (13.4")	✓	✓	3085 0252 00
Wide flat chisel Round ISO with splines 17.3mm (0.68") - W = 50 mm (1.97"), L = 340 mm (13.4")	✓	✓	3085 0250 00
Extra wide flat chisel Round ISO with splines 17.3mm (0.68") - W = 130 mm (5.12"), L = 400 mm (15.7")	✓	✓	3085 0998 00
Angle scraper chisel Round ISO with splines 17.3mm (0.68") - W = 50 mm (1.97"), L = 335 mm (13.1")	✓	✓	3085 0350 00
Moil point chisel Round ISO with splines 17.3mm (0.68") - W = 22 mm (0.86"), L = 340 mm (13.4")	✓	✓	3085 0249 00

RRC22F

Percussive
Chipping Hammers



Model	Length	Weight	Blow	Stroke	Energy per blow	Bushing	Air consumption at free speed	Rec hose size	Air inlet thread BSP	Bushing type		Vibration damped	Ordering No.
	mm	kg	Hz	mm	J	mm	l/s	mm	in	Hex	Round		
RRC22F-01	52	2.2	62	52	2.7	12.7	6.2	10	3/8	•	-	-	8425 0202 22
RRC22F-02	52	2.2	62	52	2.7	12.7	6.2	10	3/8	-	•	-	8425 0202 30

Accessories

	8525 0202 22	8425 0202 30	Ordering No.
Included			
Nipple	✓	✓	3510 0069 80
Adapter (for North America)	✓	✓	3510 0069 81
Chisel retainer	✓	✓	3510 0443 00
Optional			
Chisel blank Hex ISO 12.7mm (1/2") - W = 13 mm (0.51"), L = 200 mm (7.9")	✓	-	3085 0182 00
Chisel blank Hex ISO 12.7mm (1/2") - W = 13 mm (0.51"), L = 350 mm (13.8")	✓	-	3085 0182 01
Chisel blank Hex ISO 12.7mm (1/2") - W = 13 mm (0.51"), L = 400 mm (15.7")	✓	-	3085 0182 04
Chisel blank Hex ISO 12.7mm (1/2") - W = 13 mm (0.51"), L = 500 mm (19.7")	✓	-	3085 0182 05
Flat chisel Hex ISO 12.7mm (1/2") - W = 13 mm (0.51"), L = 200 mm (7.9")	✓	-	3085 0183 00
Flat chisel Round ISO 12.7mm (1/2") - W = 13 mm (0.51"), L = 200 mm (7.9")	-	✓	3085 0184 00
Flat chisel Hex ISO 12.7mm (1/2") - W = 15 mm (0.59"), L = 200 mm (7.9")	✓	-	3085 0376 00
Sharp chisel Hex ISO 12.7mm (1/2") - W = 15 mm (0.59"), L = 200 mm (7.9")	✓	-	3085 0170 00
Sharp chisel Hex ISO 12.7mm (1/2") - W = 15 mm (0.59"), L = 300 mm (11.8")	✓	-	3085 0170 01
Spot weld chisel Hex ISO 12.7mm (1/2") - W = 17 mm (0.67"), L = 200 mm (7.9")	✓	-	3085 0301 00
Angle scraper chisel Hex ISO 12.7mm (1/2") - W = 30 mm (1.18"), L = 200 mm (7.9")	✓	-	3085 0262 00
Pipe cutting chisel Hex ISO 12.7mm (1/2") - W = 20 mm (0.79"), L = 200 mm (7.9")	✓	-	3085 0302 00
Pipe cutting chisel Hex ISO 12.7mm (1/2") - W = 35 mm (1.38"), L = 200 mm (7.9")	✓	-	3085 0303 00
Plate cutting chisel Hex ISO 12.7mm (1/2") - W = 14.5 mm (0.57"), L = 200 mm (7.9")	✓	-	3085 0263 00
Plate cutting chisel Hex ISO 12.7mm (1/2") - W = 16 mm (0.63"), L = 200 mm (7.9")	✓	-	3085 0173 00

Accessories

	8525 0202 22	8425 0202 30	Ordering No.
Optional			
Moil point chisel Hex ISO 12.7mm (1/2") - W = 13 mm (0.51"), L = 200 mm (7.9")	✓	-	3085 0297 00
Moil point chisel Hex ISO 12.7mm (1/2") - W = 13 mm (0.51"), L = 305 mm (12")	✓	-	3085 0297 01
Chisel retainer, compl. (open type)	✓	✓	3512 0305 90
Power regulator	✓	✓	3512 0273 80
Productivity kit (MIDI-FRL-1/2-BSP EQ08-C10)	✓	✓	8202 0850 07
MULTIFLEX-3/8 cover	✓	✓	8202 1350 42
MULTIFLEX-3/8-NPT (For North America)	✓	✓	8202 1350 28
MULTIFLEX-3/8	✓	✓	8202 1350 22



Model	Length mm	Weight kg	Blow Hz	Stroke mm	Energy per blow J	Bushing mm	Air consumption at free speed l/s	Rec hose size mm	Air inlet thread BSP in	Bushing type Hex Round	Integrated hose barb	Vibration damped	Ordering No.	
RRC34B-01	330	4.5	45	67	5.5	17.3	8	12.5	Special	•	-	•	-	8425 0212 53

Accessories

	Ordering No.
Included	
Chisel retainer	3510 0485 00
Silencer	3510 0421 00
Optional	
Chisel blank Hex ISO 17.3mm (0.68") - W = 22 mm (0.86"), L = 335 mm (13.1")	3085 0220 00
Chisel blank Hex ISO 17.3mm (0.68") - W = 22 mm (0.86"), L = 560 mm (22")	3085 0220 01
Chisel blank Hex ISO 17.3mm (0.68") - W = 22 mm (0.86"), L = 1060 mm (41.7")	3085 0220 02
Flat chisel Hex ISO 17.3mm (0.68") - W = 22 mm (0.86"), L = 260 mm (10.2")	3085 0221 00
Flat chisel Hex ISO 17.3mm (0.68") - W = 22 mm (0.86"), L = 335 mm (13.1")	3085 0221 01
Flat chisel Hex ISO 17.3mm (0.68") - W = 22 mm (0.86"), L = 560 mm (22")	3085 0221 02
Flat chisel Hex ISO 17.3mm (0.68") - W = 32 mm (1.26"), L = 335 mm (13.1")	3085 0989 00
Wide flat chisel Hex ISO 17.3mm (0.68") - W = 50 mm (1.97"), L = 335 mm (13.1")	3085 0235 00
Extra wide flat chisel Hex ISO 17.3mm (0.68") - W = 130 mm (5.12"), L = 400 mm (15.7")	3085 0342 00
Angle scraper chisel Hex ISO 17.3mm (0.68") - W = 50 mm (1.97"), L = 335 mm (13.1")	3085 0349 00
Moil point chisel Hex ISO 17.3mm (0.68") - W = 22 mm (0.86"), L = 335 mm (13.1")	3085 0223 00
Moil point chisel Hex ISO 17.3mm (0.68") - W = 22 mm (0.86"), L = 560 mm (22")	3085 0223 01



Model	Length mm	Weight kg	Blow Hz	Stroke mm	Energy per blow J	Bushing mm	Air consumption at free speed l/s	Rec hose size mm	Air inlet thread BSP	Bushing type		Integrated hose barb	Vibration damped	Ordering No.
										Hex	Round			
RRC65B-01	335	5.9	40	50	10	17.3	10.8	12.5	Special	•	-	•	-	8425 0225 33

Accessories

	Ordering No.
Included	
Chisel retainer	3512 0182 90
Swivel	3512 0181 91
Chisel retainer (for North America)	3512 0343 00
Nipple (for North America)	3512 0346 00
Optional	
Chisel blank Hex ISO 17.3mm (0.68") - W = 22 mm (0.86"), L = 335 mm (13.1")	3085 0220 00
Chisel blank Hex ISO 17.3mm (0.68") - W = 22 mm (0.86"), L = 560 mm (22")	3085 0220 01
Chisel blank Hex ISO 17.3mm (0.68") - W = 22 mm (0.86"), L = 1060 mm (41.7")	3085 0220 02
Flat chisel Hex ISO 17.3mm (0.68") - W = 22 mm (0.86"), L = 260 mm (10.2")	3085 0221 00
Flat chisel Hex ISO 17.3mm (0.68") - W = 22 mm (0.86"), L = 335 mm (13.1")	3085 0221 01
Flat chisel Hex ISO 17.3mm (0.68") - W = 22 mm (0.86"), L = 560 mm (22")	3085 0221 02
Flat chisel Hex ISO 17.3mm (0.68") - W = 32 mm (1.26"), L = 335 mm (13.1")	3085 0989 00
Wide flat chisel Hex ISO 17.3mm (0.68") - W = 50 mm (1.97"), L = 335 mm (13.1")	3085 0235 00
Extra wide flat chisel Hex ISO 17.3mm (0.68") - W = 130 mm (5.12"), L = 400 mm (15.7")	3085 0342 00
Angle scraper chisel Hex ISO 17.3mm (0.68") - W = 50 mm (1.97"), L = 335 mm (13.1")	3085 0349 00
Moil point chisel Hex ISO 17.3mm (0.68") - W = 22 mm (0.86"), L = 335 mm (13.1")	3085 0223 00
Moil point chisel Hex ISO 17.3mm (0.68") - W = 22 mm (0.86"), L = 560 mm (22")	3085 0223 01

RRC75B

Percussive
Chipping Hammers



Model	Length mm	Weight kg	Blow Hz	Stroke mm	Energy per blow J	Bushing mm	Air consumption at free speed l/s	Rec hose size mm	Air inlet thread BSP in	Bushing type		Integrated Vibration		Ordering No.
										Hex	Round	hose barb	damped	
RRC75B-01	390	6.5	30	75	16	17.3	14	12.5	Special	•	-	•	-	8425 0225 58

Accessories

	Ordering No.
Included	
Chisel retainer	3512 0182 90
Swivel	3512 0181 91
Chisel retainer (for North America)	3512 0343 00
Nipple (for North America)	3512 0346 00
Optional	
Chisel blank Hex ISO 17.3mm (0.68") - W = 22 mm (0.86"), L = 335 mm (13.1")	3085 0220 00
Chisel blank Hex ISO 17.3mm (0.68") - W = 22 mm (0.86"), L = 560 mm (22")	3085 0220 01
Chisel blank Hex ISO 17.3mm (0.68") - W = 22 mm (0.86"), L = 1060 mm (41.7")	3085 0220 02
Flat chisel Hex ISO 17.3mm (0.68") - W = 22 mm (0.86"), L = 260 mm (10.2")	3085 0221 00
Flat chisel Hex ISO 17.3mm (0.68") - W = 22 mm (0.86"), L = 335 mm (13.1")	3085 0221 01
Flat chisel Hex ISO 17.3mm (0.68") - W = 22 mm (0.86"), L = 560 mm (22")	3085 0221 02
Flat chisel Hex ISO 17.3mm (0.68") - W = 32 mm (1.26"), L = 335 mm (13.1")	3085 0989 00
Wide flat chisel Hex ISO 17.3mm (0.68") - W = 50 mm (1.97"), L = 335 mm (13.1")	3085 0235 00
Extra wide flat chisel Hex ISO 17.3mm (0.68") - W = 130 mm (5.12"), L = 400 mm (15.7")	3085 0342 00
Angle scraper chisel Hex ISO 17.3mm (0.68") - W = 50 mm (1.97"), L = 335 mm (13.1")	3085 0349 00
Moil point chisel Hex ISO 17.3mm (0.68") - W = 22 mm (0.86"), L = 335 mm (13.1")	3085 0223 00
Moil point chisel Hex ISO 17.3mm (0.68") - W = 22 mm (0.86"), L = 560 mm (22")	3085 0223 01



Atlas Copco AB
(publ) SE-105 23 Stockholm, Sweden
Phone: +46 8 743 80 00
Reg. no: 556014-2720
atlascopco.com

