

Drilling



Atlas Copco handheld drills are built to provide consistent reliability and performance in a wide range of applications, such as drilling in steel, composites and other materials. The advanced ergonomic designs of the tools makes your job easier, safer and more efficient.

LBB features



Selection Guide

Drilling

The speed for a specific drilling operation should be chosen on the basis of; the material, the workpiece and the diameter of the hole.

Drills	Mild steel 20-30 m/min	Alloy steel 5-15 m/min	Cast iron 15-20 m/min	Aluminum & bronze 50-80 m/min	Wood & board 80-150 m/min	Composite 50-100 m/min
r/min	Drill dia. mm	Drill dia. mm	Drill dia. mm	Drill dia. mm	Drill dia. mm	Drill dia. mm
20000				1.0	1.0 - 2.0	1.0 - 2.0
6000	1.0 - 2.0		1.0	2.0 - 4.0	4.0 - 8.0	3.0 - 5.0
5400	1.0 - 2.0		1.0	3.0 - 5.0	4.0 - 8.0	3.0 - 6.0
4500	1.0 - 2.0	1.0	1.0	4.0 - 6.0	6.0 - 10.0	4.0 - 7.0
3300	2.0 - 3.0	1.0	1.0 - 2.0	5.0 - 8.0	8.0 - 12.0	5.0 - 9.0
2400	2.5 - 6.0	1.0 - 2.0	2.0 - 3.0	6.0 - 8.0	8.0 - 13.0	
2000	2.5 - 6.0	1.0 - 2.0	2.0 - 4.0	7.0 - 10.0	8.0 - 13.0	
1000	6.0 - 10	2.0 - 5.0	5.0 - 6.0			
750	8.0 - 13.0	2.0 - 7.0	7.0 - 9.0			
500	8.0 - 13.0	3.0 - 10.0	10.0 - 13.0			

Drills



LBB45



LBB37



LBB26



LBB36

Atlas Copco **LBB drills** are ergonomically designed and equipped with rubber pistol grip handles to reduce vibration and temperature differences.

Regardless of which model you choose, you'll get a product with superior ergonomics and productivity.

- Quiet – Very low noise level.
- Comfortable grip – For high precision.
- Two-hand grip available – Gives even greater flexibility.
- Lubrication-free – For clean working environment and operator comfort.

Accessories

Model	Free speed r/min	Chuck capacity mm	Weight with chuck		Air consumption at free speed		Hose size		Air inlet thread		Stall torque		Without chuck		
			kg	lb	l/s	cfm	mm	in	BSP	W	hp	Nm	Model	Ordering No.	
LBB26 EPX-003 b	300	13	0.82	1.8	14.5	31.8	10.0	3/8	1/4	500	0.7	53.5	8421 0500 00	003-U	8421 0500 01
LBB26 EPX-005 b	500	13	0.82	1.8	14.5	31.8	10.0	3/8	1/4	500	0.7	31.6	8421 0500 02	005-U	8421 0500 03
LBB26 EPX-007 b	700	13	0.82	1.8	14.5	31.8	10.0	3/8	1/4	500	0.7	24.6	8421 0500 04	007-U	8421 0500 05
LBB26 EPX-013 ab	1300	10	0.79	1.7	14.5	31.8	10.0	3/8	1/4	500	0.7	14.7	8421 0500 06	013-U	8421 0500 07
LBB26 EPX-019 a	1900	10	0.79	1.7	14.5	31.8	10.0	3/8	1/4	500	0.7	9.9	8421 0500 24	019-U	8421 0500 25
LBB26 EPX-026 a	2600	8	0.79	1.7	14.5	31.8	10.0	3/8	1/4	500	0.7	7.7	8421 0500 08	026-U	8421 0500 09
LBB26 EPX-033 a	3300	8	0.69	1.5	14.5	31.8	10.0	3/8	1/4	500	0.7	5.7	8421 0500 10	033-U	8421 0500 11
LBB26 EPX-045 a	4500	8	0.69	1.5	14.5	31.8	10.0	3/8	1/4	500	0.7	4.1	8421 0500 12	045-U	8421 0500 13
LBB26 EPX-060 a	6000	8	0.69	1.5	14.5	31.8	10.0	3/8	1/4	500	0.7	3.3	8421 0500 14	060-U	8421 0500 15
LBB26 EPX-200 a	22000	6.5	0.69	1.5	14.5	31.8	10.0	3/8	1/4	500	0.7	0.8	8421 0500 28	200-U	8421 0500 29
LBB36 H005 b	500	–	1.2	3.3	16.5	34.9	10	3/8	3/8	700	0.9	43.8	–	-H005U	8421 0408 03
LBB36 H007 b	700	13	1.6	3.5	16.5	34.9	10	3/8	3/8	700	0.9	37.2	8421 0408 07	-H007U	8421 0408 05
LBB36 H013 a	1300	10	1.5	3.3	16.5	34.9	10.0	3/8	3/8	700	0.9	19.5	8421 0408 15	-H013U	8421 0408 13
LBB36 H026 a	2600	10	1.2	2.5	16.5	34.9	10.0	3/8	3/8	700	0.9	10.3	8421 0408 33	-H026U	8421 0408 31
LBB36 H033 a	3300	10	1.2	2.5	16.5	34.9	10.0	3/8	3/8	700	0.9	8.6	8421 0408 41	-H033U	8421 0408 39
LBB36 H060 a	6000	6.5	1.2	2.5	16.5	34.9	10.0	3/8	3/8	700	0.9	5.0	8421 0408 49	-H060U	8421 0408 47
LBB36 H200 a	22000	6.5	1.0	2.2	16.5	34.9	10.0	3/8	3/8	700	0.9	1.3	8421 0408 55	-H200U	8421 0408 53
LBB37 H006	600	13	1.2	2.5	20.5	44.0	10.0	3/8	3/8	820	1.1	48.0	8421 0608 06	-H006U	8421 0608 14
LBB37 H015	1500	10	1.5	3.3	20.5	44.0	10.0	3/8	3/8	820	1.1	22.5	8421 0608 05	-H015U	8421 0608 15
LBB37 H037	3700	10	1.2	2.5	20.5	44.0	10.0	3/8	3/8	820	1.1	9.2	8421 0608 13	-H037U	8421 0608 16
LBB37 H065	6500	6.5	1.2	2.5	20.5	44.0	10.0	3/8	3/8	820	1.1	5.0	8421 0608 11	-H065U	8421 0608 17
LBB37 H230	23000	6.5	1.0	2.2	20.5	44.0	10.0	3/8	3/8	820	1.1	1.3	8421 0608 03	-H230U	8421 0608 18
LBB45 H004 b	400	16	4.3	9.3	10.0	21.0	10.0	3/8	1/4	700	0.9	–	8421 0501 16	–	–
LBB45 H006 b	600	16	4.3	9.3	10.0	21.0	10.0	3/8	1/4	700	0.9	–	8421 0501 24	-H006U	8421 0501 40
LBB45 H017 b	1700	16	4.2	9.3	10.0	21.0	10.0	3/8	1/4	700	0.9	–	8421 0501 32	–	–

Accessories

Key chucks

Mount	Check clic mm	Chuck capacity mm	Ordering No.		
			Chuck (key incl)	Key only	Key designation
1/2-20UNF	4	2.0-13.0	4021 0289 01	4021 0465 00	S2
3/8-24UNF	30	0.0- 6.5	4021 0283 00	4021 0293 00	S1
3/8-24UNF	30	0.5- 8.0	4021 0495 00	4021 0293 00	S1
3/8-24UNF	36	2.0-10.0	4021 0416 00	4021 0449 00	S8
3/8-24UNF	46	2.0-13.0	4021 0289 00	4021 0465 00	S2
JT3	59	3.0-16.0	4021 0423 00	4021 0301 00	S3



Key chuck

Quick chucks

Mount	Chuck dia mm	Chuck capacity mm	Ordering No.
UNF 3/8"-24	34	0.0- 6.5	4021 0400 00
UNF 3/8"-24	34	0.0- 8.0	4021 0401 00
UNF 3/8"-24	36	0.0-10.0	4021 0402 00
UNF 3/8"-24	36	2.0-13.0	4021 0403 00



Quick chuck

Power feed arm for extra feed force - LBB36 H005 AND LBB37 H006

Model	Ordering No.
Adapter piece (SR295), lever arm (SR201), chain (SR202) and NO. 2 Morse socket (SR206)	4110 1416 80
Two extension pieces (SR204-1 and SR204-2), 370 and 750 mm long	4110 1417 80
No. 2 Morse socket	4110 1416 01



Power feed arm

Chuck guards

For model	Max chuck dia mm	Ordering No.
LBB26	36	4110 1728 02
LBB26	30	4110 1728 03
LBB36 a	36	4110 1415 00
LBB37 a	36	4110 1415 00

*The chuck guards do not fit the 500 r/min, 600 r/min or 700 r/min models.



Chuck guard

Support handles

For model	Ordering No.
LBB26	4110 1355 95
LBB36/37	4110 1355 82
LBB45	4110 1355 84



Support handle

Productivity Kit

Model	Max air flow	Hose 5 m	Coupling	Lubrication	Ordering No.
For drills with 1/4" BSP air inlet					
MIDI Optimizer F/RD EQ08-C08	9 l/s	Cablair 8 mm	ErgoQIC 08	Yes	8202 0850 00
MIDI Optimizer F/R EQ08-C08	9 l/s	Cablair 8 mm	ErgoQIC 08	No	8202 0850 01
For drills with 3/8" BSP air inlet					
MIDI Optimizer F/RD EQ08-C10	16 l/s	Cablair 10 mm	ErgoQIC 08	Yes	8202 0850 07
For drills with 3/8" BSP air inlet					
MIDI Optimizer F/RD EQ10-C13	23 l/s	Cablair 13 mm	ErgoQIC 10	Yes	8202 0850 02
For drills with 1/4" BSP air inlet					
MIDI Optimizer F/RD EQ10-C13-1/4	23 l/s	Cablair 13 mm	ErgoQIC 10	Yes	8202 0850 11

Drills

tappers



Atlas Copco **TAPPERS** are designed for tapping and thread-cleaning operations with thread taps. The tools are fitted with a tap chuck as standard.

- Comfortable and effective – The ergonomically designed handle gives a comfortable grip and maximum performance.
- Higher productivity – Double speed when you withdraw the machine.
- Low noise level – Rear-directed exhaust gives a lower noise level.
- Lubrication-free – For a clean working environment and operator comfort.
- Quick change system – Upgrade your old tool, or order a new one with this system. Various tap holders can be used to change a broken tap or to change to a different tap size.
- Lower cost – The efficient air motor, together with interchangeable components from our standard drills, cut your costs.

Model	Free speed		Tapping capacity mm	Weight		Hose dimension		Air inlet thread BSP	Air consumption		With chuck Ordering No.
	Forward r/min	Reverse r/min		kg	lb	mm	in		l/s	cfm	
Pistol-grip tappers with air supply through handle											
LGB34 H007	700	1400	10	1.8	4.0	10.0	3/8	1/4	7.5	15.9	8421 0311 66
LGB34 H007Q ^a	700	1400	10	1.8	4.0	10.0	3/8	1/4	7.5	15.9	8421 0311 76
LGB36 H007Q ^a	700	1400	12	2.0	4.4	10.0	3/8	3/8	16.5	34.9	8421 0411 00
Straight tappers											
LGB34 S007	700	1400	10	1.8	4.0	10.0	3/8	1/4	7.5	15.9	8421 0311 72

^a Quick change system.

Taper: Jacob 1

Accessories Included

Non Quick change system

LGB34 Chuck complete with collet 6.4-10 mm 4021 0469 00

Quick change system

Chuck plus one tap holder with collet for M6 shank Ø 6.3 mm.

Optional Accessories

Collets for non Quick change system

Model	Capacity		Ordering No.
	mm	inch	
LGB34	3.5 - 6.5	0.139 - 0.257	4021 0337 00
	4.5 - 8.1	0.176 - 0.320	4021 0336 00
	6.4 - 9.7	0.253 - 0.383	4021 0456 00

Completing existing equipment with Quick change system

Accessories	Length mm	Ordering No.
Quick change chuck	47	4021 0406 90
Tap holder	58	4021 0408 00

Collets for Quick change system

Collets for tap size mm	Shank dia		Ordering No.
	mm	in	
M2.2/M2.5	2.8		4021 0414 01
M3	3.15	1/8	4021 0414 02
M3.5	3.5		4021 0414 03
M4	4.0		4021 0414 04
M4.5	4.5		4021 0414 05
M5	5.0	3/16	4021 0414 06
M5.5	5.6	7/32	4021 0414 07
M6	6.4	1/4	4021 0414 08
M6 (DIN)	6.0		4021 0414 13
M7	7.1	9/32	4021 0414 09
M8/M11	8.0	5/16 & 7/16	4021 0414 10
M9/M12	9.0	1/2	4021 0414 11
M10	10.0	3/8	4021 0414 12

Drills

screw-feed drills

Atlas Copco **SCREW-FEED DRILLS** are ideal for heavy-duty drilling operations requiring high feed forces. They can also be used for reaming and tube-rolling.

- Reliable – Simple, reliable design.
- Constant speed – The speed governor keeps the drilling speed constant and reduces air consumption as power is reduced.
- Safer – The safety catch prevents accidental starting. The throttle is also self-closing.



Model	Forward	Reverse
RAB9	0.85 kW (1.14 hp)	0.55 kW (0.74 hp)
RAB12	1.5 kW (2.0 hp)	1.1 kW (1.5 hp)

Model	Free speed r/min	Capacity			Morse taper No.	Length feed mm	Height		Weight		Hose dimension		Air consumption max output		Distance centre to side mm	Air inlet thread BSP	Ordering No.
		Drill- ing mm	Ream- ing mm	Tapp- ing mm			mm	in	kg	lb	mm	in	l/s	cfm			
RAB9 VR003	300	23	23	16	2	75	265	10.4	9.5	20.9	13	1/2	22	47	40	1/2	8421 5109 37
RAB9 VR006	600	23	23	12	2	75	265	10.4	9.5	20.9	13	1/2	23	49	40	1/2	8421 5109 45
RAB12 L150	140	51	40	32	4	90	385	15.2	14.9	32.8	16	5/8	30	64	50	1/2	8421 5112 08
RAB12 L250	240	51	40	30	4	90	385	13.2	14.9	32.8	16	5/8	33	70	50	1/2	8421 5112 16
RAB12 L450	475	32	32	24	3	90	340	13.4	12.9	28.4	16	5/8	32	68	50	1/2	8421 5112 24

Accessories Included

Hose fitting/air chuck

Optional Accessories

Square drive adapter

Morse taper No.	Square drive in	Ordering No.
3	1	4021 0394 00
4	1	4021 0395 00



Square drive adapter