

Reliable, productive and comfortable to work with



The handheld drills in Atlas Copco's wide range are of the highest quality and built to provide consistent reliability and performance in a wide range of applications. Their advanced ergonomic designs make your job easier, safer and more efficient.

From the time our first drill was produced in 1901, Atlas Copco has demonstrated a genuine understanding of customer needs. Our drills have evolved to meet changing customer demands over the years. Whatever the job, Atlas Copco has a drill to match your exact requirements.

RELIABLE

When you pick up an Atlas Copco drill, you can be confident that it will do the job over and over again.

POWERFULLY PRODUCTIVE

Despite their compact designs, our drills consistently deliver all the power you need. Their high power-to-weight ratio ensures maximum material removal in the shortest possible time.

ERGONOMIC

Thanks to 50 years of focusing on ergonomics, Atlas Copco drills fit comfortably in your hand. Grips are anatomically shaped to keep your arm and wrist straight, reducing the risk of injury during

long-term use. The light weight and perfect balance of each drill enables you to guide it smoothly and easily. Low noise and vibration levels make the tools comfortable to work with all day long.

DURABLE, LOW MAINTENANCE

The rugged, lubrication-free designs of our drills can withstand the toughest industrial situations and go on working day in, day out. Maintenance requirements are low.

QUALITY THROUGHOUT THE TOOLS' LIFE-CYCLE

Atlas Copco stands for quality, from the manufacture of critical drill components, through production and sales, to service and support throughout the tools' long life-cycle.



Drills

LBB 16 FEATURES

Chuck guard

Prevents damage and gives good support

Wing design

Better grip = allows two different grips and higher feed force

Soft grip:

Comfortable temperature, not too cool
Good grip, no risk of slipping

Correct angle:

Reduce wrist load
Higher feed force = higher productivity
Reduce injuries

Sensitive trigger

Good throttling capability = precise and high quality holes
Reduces risk of "trigger finger" syndrome

Adjustable air exhaust, 360°

= prevents cool air from affecting the operator



LBB 16S FEATURES

Santopren "softgrip" material for insulation and good grip

Long lever as standard, safety lever as accessory

Rigid aluminum housing

Adjustable air exhaust

Chuck guard

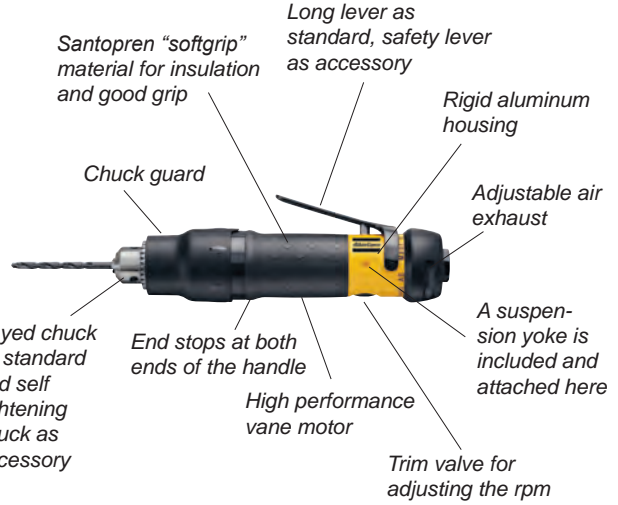
Keyed chuck as standard and self tightening chuck as accessory

End stops at both ends of the handle

High performance vane motor

A suspension yoke is included and attached here

Trim valve for adjusting the rpm



Selection Guide

Cutting speed ^a sfpm	Material		rpm																														
			300	400	500	600	700	800	1000	1200	1300	1500	1700	1900	2200	2400	2600	2900	3000	3300	3700	3800	4500	5500	6000	6400	6500	20000	23000	26000			
15	Cast iron	Titanium	Alloy Steel	3/16	5/32	1/8	1/8	1/16	1/16	1/32	1/32	1/32	1/32	1/32	1/32	1/32	1/32	1/32	1/32	1/32	1/32	1/32	1/32	1/32	1/32	1/32	1/32	1/32	1/32	1/32	1/32		
30				7/16	5/16	1/4	3/16	3/16	5/32	1/8	1/8	1/16	1/16	1/16	1/16	1/16	1/16	1/32	1/32	1/32	1/32	1/32	1/32	1/32	1/32	1/32	1/32	1/32	1/32	1/32	1/32	1/32	1/32
50				1/2	3/8	5/16	1/4	1/4	3/16	5/32	5/32	1/8	1/8	1/8	1/16	1/16	1/16	1/16	1/16	1/16	1/16	1/16	1/32	1/32	1/32	1/32	1/32	1/32	1/32	1/32	1/32	1/32	1/32
65				5/8	1/2	7/16	3/8	5/16	1/4	3/16	3/16	5/32	5/32	1/8	1/8	1/8	1/16	1/16	1/16	1/16	1/16	1/16	1/16	1/16	1/16	1/16	1/16	1/16	1/16	1/16	1/16	1/16	1/16
80				1/2	7/16	3/8	5/16	1/4	3/16	3/16	5/32	5/32	1/8	1/8	1/8	1/16	1/16	1/16	1/16	1/16	1/16	1/16	1/16	1/16	1/16	1/16	1/16	1/16	1/16	1/16	1/16	1/16	1/16
100		Hard plastics	Mild steel	3/8	5/16	1/4	1/4	1/4	3/16	5/32	5/32	5/32	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	
115				3/8	3/8	1/4	1/4	1/4	1/4	3/16	3/16	5/32	5/32	5/32	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	
130				3/8	5/16	1/4	1/4	1/4	1/4	3/16	3/16	5/32	5/32	5/32	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8
150				3/8	5/16	1/4	1/4	1/4	1/4	3/16	3/16	5/32	5/32	5/32	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8
165				3/8	5/16	1/4	1/4	1/4	1/4	3/16	3/16	5/32	5/32	5/32	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8
180				3/8	5/16	1/4	1/4	1/4	1/4	3/16	3/16	5/32	5/32	5/32	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8
200				7/16	3/8	3/8	1/4	1/4	1/4	1/4	3/16	3/16	5/32	5/32	5/32	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8
215				1/2	3/8	3/8	1/4	1/4	1/4	1/4	3/16	3/16	5/32	5/32	5/32	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8
230				1/2	3/8	3/8	1/4	1/4	1/4	1/4	3/16	3/16	5/32	5/32	5/32	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8
245				9/16																													
260	9/16																																
280	5/8																																
295																																	
310																																	
330																																	
345																																	
360																																	
375																																	
395																																	
410																																	
425																																	
440																																	
460																																	
475																																	
500																																	

^a Remember that, if the speed is too low the cycle time increases.