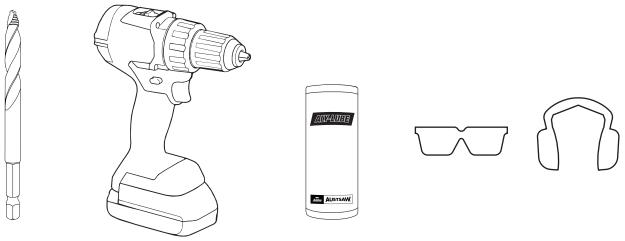
CORDLESS DRILL/DRIVER

ALUMINIUM FLAT BAR - 3.0mm | **DRILL BIT - 12.0mm**

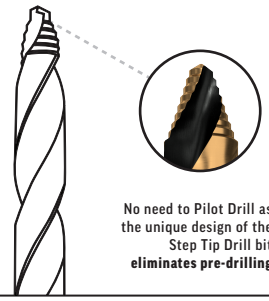
YOU WILL NEED



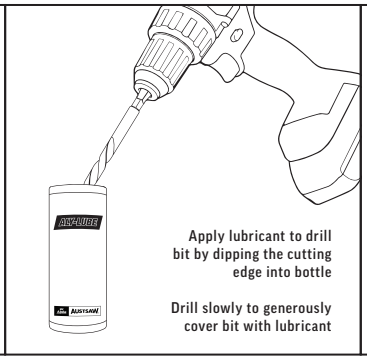
Alpha ONSITE+ Step Tip Drill Bit | Cordless Drill/Driver | Alpha Austsaw Aly-Lube Aluminium Lubricant | Personal Protective Equipment (PPE)



BEST PRACTICE GUIDE

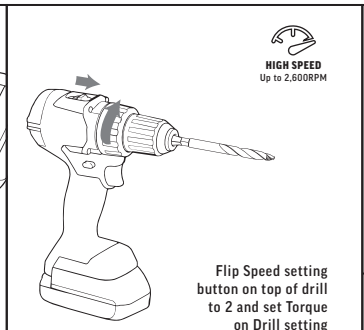


No need to Pilot Drill as the unique design of the Step Tip Drill bit **eliminates pre-drilling**

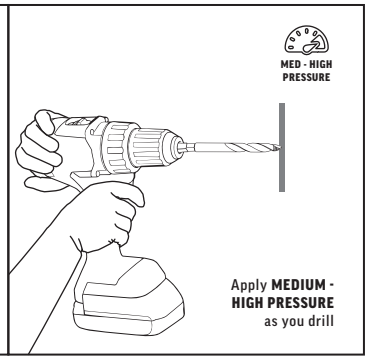


Apply lubricant to drill bit by dipping the cutting edge into bottle

Drill slowly to generously cover bit with lubricant



Flip Speed setting button on top of drill to 2 and set Torque on Drill setting



Apply **MEDIUM - HIGH PRESSURE** as you drill

DRILL DIAMETER	MATERIAL	MATERIAL THICKNESS	TESTING TOOL	TEST SPEED / TORQUE RECORDED	SPEED	PRESSURE	IMPACT	HOLES	BLUNT / RETIRED
12.0mm	Aluminium Flat Bar	3.0mm	Makita Drill/Driver DF001GZ 40V 5.0aH Battery	High speed / High feed	High (up to 2,600rpm)	Med - High	N/A	524	Retired

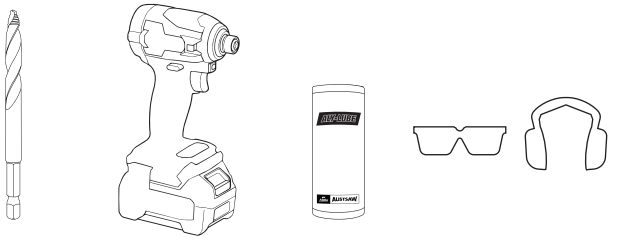
TIME TEST - DRILLING 5 HOLES
1:30

IMPACT DRIVER

ALUMINIUM FLAT BAR - 3.0mm | **DRILL BIT - 12.0mm**

1500+ HOLES

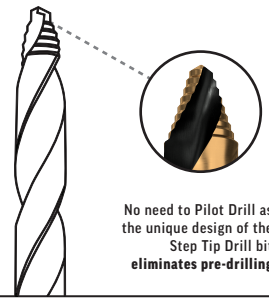
YOU WILL NEED



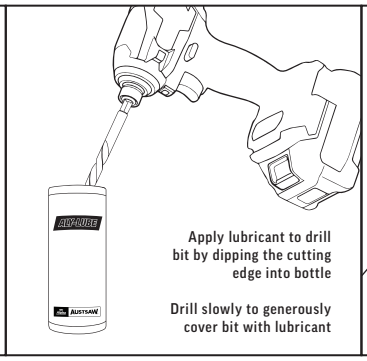
Alpha ONSITE+ Step Tip Drill Bit | Impact Driver | Alpha Austsaw Aly-Lube Aluminium Lubricant | Personal Protective Equipment (PPE)



BEST PRACTICE GUIDE

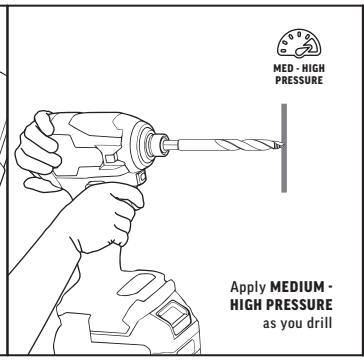


No need to Pilot Drill as the unique design of the Step Tip Drill bit **eliminates pre-drilling**

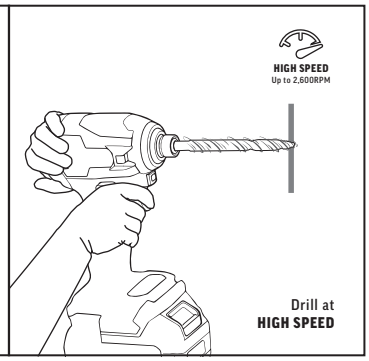


Apply lubricant to drill bit by dipping the cutting edge into bottle

Drill slowly to generously cover bit with lubricant



Apply **MEDIUM - HIGH PRESSURE** as you drill



Drill at **HIGH SPEED**

DRILL DIAMETER	MATERIAL	MATERIAL THICKNESS	TESTING TOOL	TEST SPEED / TORQUE RECORDED	SPEED	PRESSURE	IMPACT	HOLES	BLUNT / RETIRED
12.0mm	Aluminium Flat Bar	3.0mm	Makita Impact Driver TD001GZ 40V 5.0aH Battery	High Speed / High Impact	High (up to 3,200rpm)	Med - High	High	958	Retired

TIME TEST - DRILLING 5 HOLES	NOTES:
1:47	Still drilling fine - potential to do 1500+ holes