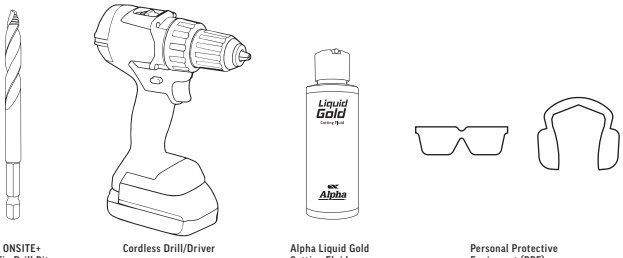
CORDLESS DRILL/DRIVER

MILD STEEL FLAT BAR - 10.0mm | **DRILL BIT - 5.0mm**

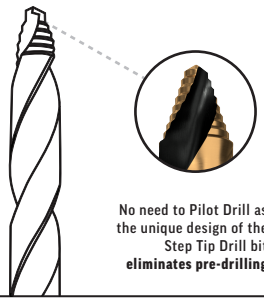
YOU WILL NEED



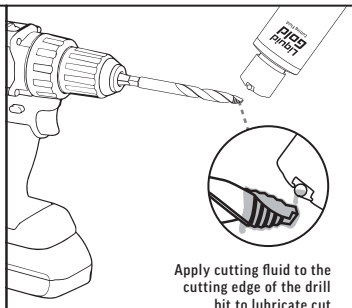
Alpha ONSITE+ Step Tip Drill Bit | Cordless Drill/Driver | Alpha Liquid Gold Cutting Fluid | Personal Protective Equipment (PPE)



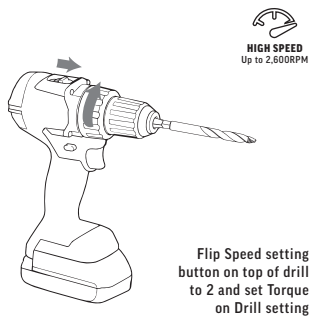
BEST PRACTICE GUIDE



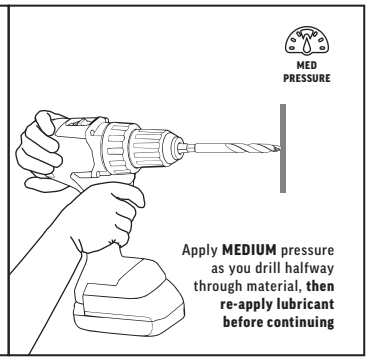
No need to Pilot Drill as the unique design of the Step Tip Drill bit **eliminates pre-drilling**



Apply cutting fluid to the cutting edge of the drill bit to lubricate cut against heat and friction



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



Apply **MEDIUM** pressure as you drill halfway through material, **then re-apply lubricant before continuing**

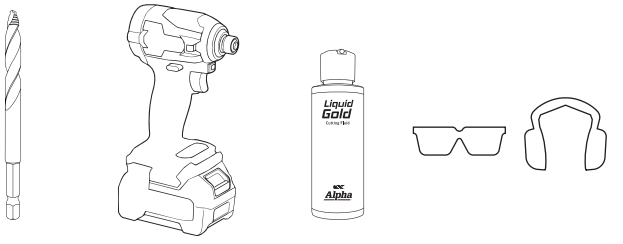
DRILL DIAMETER	MATERIAL	MATERIAL THICKNESS	TESTING TOOL	TEST SPEED / TORQUE	SPEED	PRESSURE	IMPACT	HOLES DRILLED	BLUNT / RETIRED
5.0mm	Mild Steel Flat Bar	10.0mm	Makita Drill/Driver DF001GZ 40V 5.0aH Battery	Flat out / Medium Pressure	High (up to 2,600rpm)	Med	N/A	414	Blunt

TIME TEST - DRILLING 5 HOLES	NOTES:
2:20	Double dip lubricant

IMPACT DRIVER

MILD STEEL FLAT BAR - 10.0mm | **DRILL BIT - 5.0mm**

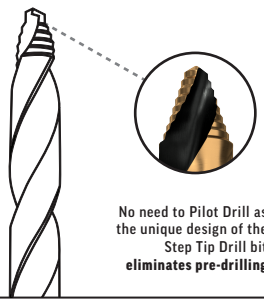
YOU WILL NEED



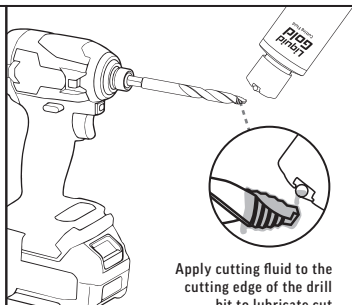
Alpha ONSITE+ Step Tip Drill Bit | Impact Driver | Alpha Liquid Gold Cutting Fluid | Personal Protective Equipment (PPE)



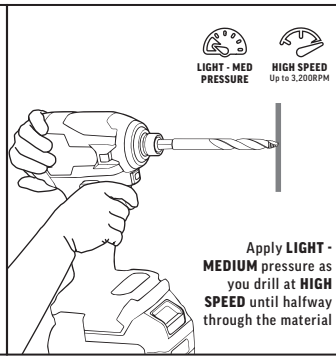
BEST PRACTICE GUIDE



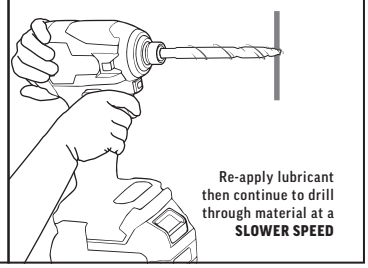
No need to Pilot Drill as the unique design of the Step Tip Drill bit **eliminates pre-drilling**



Apply cutting fluid to the cutting edge of the drill bit to lubricate cut against heat and friction



Apply **LIGHT - MEDIUM** pressure as you drill at **HIGH SPEED** until halfway through the material



Re-apply lubricant then continue to drill through material at a **SLOWER SPEED**

DRILL DIAMETER	MATERIAL	MATERIAL THICKNESS	TESTING TOOL	TEST SPEED / TORQUE	SPEED	PRESSURE	IMPACT	HOLES DRILLED	BLUNT / RETIRED
5.0mm	Mild Steel Flat Bar	10.0mm	Makita Drill/Driver DF001GZ 40V 5.0aH Battery	High Speed / Light Pressure	High (up to 3,200rpm)	Light - Med	High	180	Blunt

TIME TEST - DRILLING 5 HOLES	NOTES:
1:37	Double dip lubricant