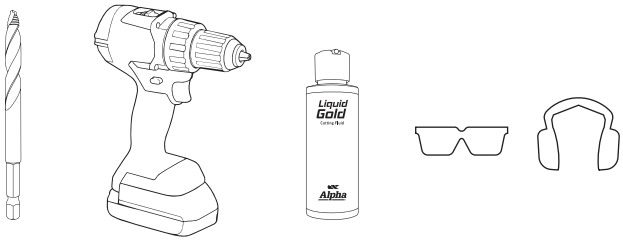
CORDLESS DRILL/DRIVER

MILD STEEL FLAT BAR - 6.0mm | **DRILL BIT - 5.0mm**

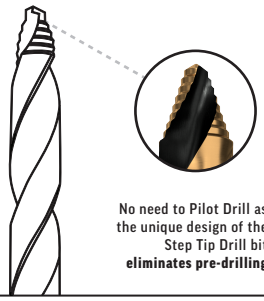
YOU WILL NEED



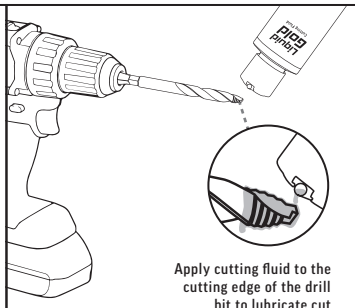
Alpha ONSITE+ Step Tip Drill Bit | Cordless Drill/Driver | Alpha Liquid Gold Cutting Fluid | Personal Protective Equipment (PPE)



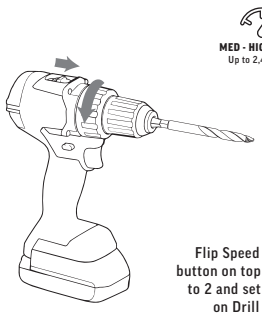
BEST PRACTICE GUIDE



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

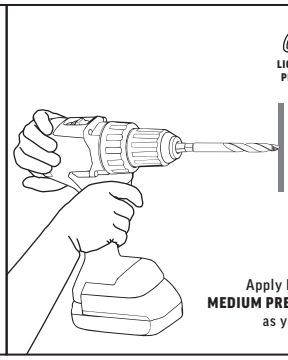


Apply cutting fluid to the cutting edge of the drill bit to lubricate cut against heat and friction



MED - HIGH SPEED
Up to 2,400RPM

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



LIGHT - MED PRESSURE

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

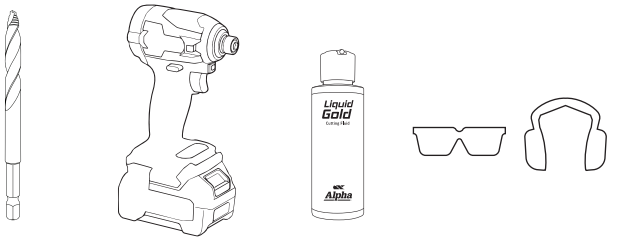
DRILL DIAMETER	MATERIAL	MATERIAL THICKNESS	TESTING TOOL	TEST SPEED / TORQUE RECORDED	SPEED	PRESSURE	IMPACT	HOLES	BLUNT / RETIRED
5.0mm	Mild Steel Flat Bar	6.0mm	Makita Drill/Driver DF001GZ 40V 5.0aH Battery	3/4 Speed 2	Med - high (up to 2,400rpm)	Light - Med	N/A	300	Retired

TIME TEST - DRILLING 5 HOLES	NOTES:
1:47	Still drilling fine - potential to do 400+ holes

IMPACT DRIVER

MILD STEEL FLAT BAR - 6.0mm | **DRILL BIT - 5.0mm**

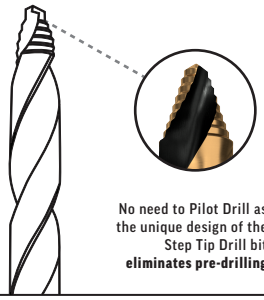
YOU WILL NEED



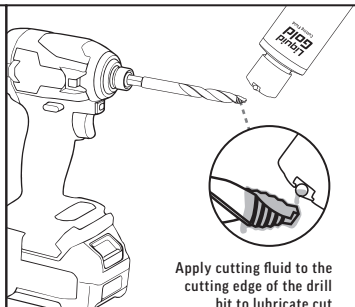
Alpha ONSITE+ Step Tip Drill Bit | Impact Driver | Alpha Liquid Gold Cutting Fluid | Personal Protective Equipment (PPE)



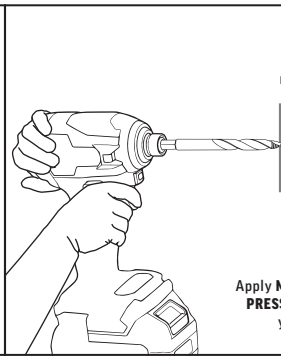
BEST PRACTICE GUIDE



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

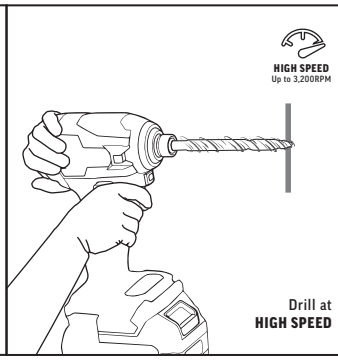


Apply cutting fluid to the cutting edge of the drill bit to lubricate cut against heat and friction



MED PRESSURE

Apply **MEDIUM PRESSURE** as you drill



HIGH SPEED
Up to 3,200RPM

Drill at **HIGH SPEED**

DRILL DIAMETER	MATERIAL	MATERIAL THICKNESS	TESTING TOOL	TEST SPEED / TORQUE RECORDED	SPEED	PRESSURE	IMPACT	HOLES	BLUNT / RETIRED
5.0mm	Mild Steel Flat Bar	6.0mm	Makita Impact Driver TD001GZ 40V 5.0aH Battery	Fast - High Impact	High (up to 3,200rpm)	Med	High	437	Retired

TIME TEST - DRILLING 5 HOLES	NOTES:
1:37	Still drilling fine - potential to do 600+ holes