

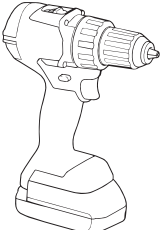



CORDLESS DRILL/DRIVER

STAINLESS FLAT BAR SS316 - 3.0mm DRILL BIT - 5.0mm

YOU WILL NEED



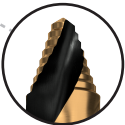

Alpha ONSITE+
Step Tip Drill Bit

Cordless Drill/Driver

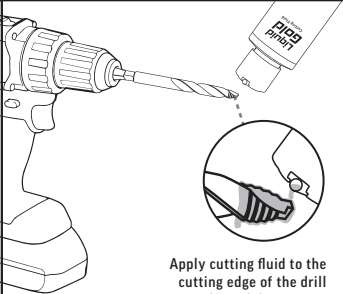
Alpha Liquid Gold
Cutting Fluid

Personal Protective
Equipment (PPE)

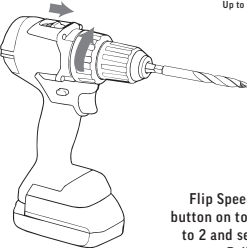
BEST PRACTICE GUIDE



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

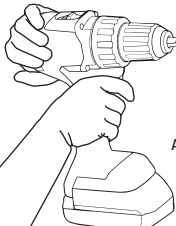


Apply cutting fluid to the cutting edge of the drill bit to lubricate cut against heat and friction



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

MED - HIGH SPEED
Up to 2,400RPM



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

MED PRESSURE

DRILL DIAMETER	MATERIAL	MATERIAL THICKNESS	TESTING TOOL	TEST SPEED / TORQUE	SPEED	PRESSURE	IMPACT	HOLES DRILLED	BLUNT / RETIRED
5.0mm	Stainless Flat Bar SS316	3.0mm	Makita Drill/Driver DF001GZ 40V 5.0Ah Battery	Screw setting 5	Med (up to 2,400rpm)	Med	N/A	120	Retired





TIME TEST - DRILLING 5 HOLES

2:45

IMPACT DRIVER

STAINLESS FLAT BAR SS316 - 3.0mm DRILL BIT - 5.0mm

YOU WILL NEED




Alpha ONSITE+
Step Tip Drill Bit

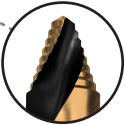

Impact Driver

Alpha Liquid Gold
Cutting Fluid

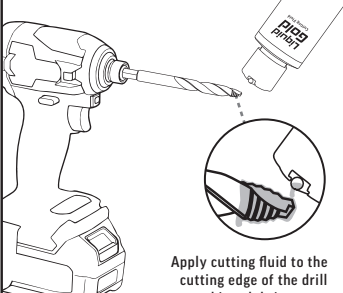
Personal Protective
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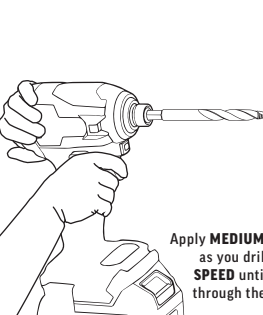
BEST PRACTICE GUIDE



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

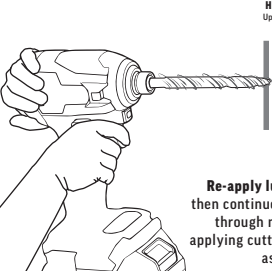


Apply cutting fluid to the cutting edge of the drill bit to lubricate cut against heat and friction



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

MED PRESSURE



Re-apply lubricant then continue to drill through material, applying cutting fluid as needed

HIGH SPEED
Up to 3,200RPM

DRILL DIAMETER	MATERIAL	MATERIAL THICKNESS	TESTING TOOL	TEST SPEED / TORQUE	SPEED	PRESSURE	IMPACT	HOLES DRILLED	BLUNT / RETIRED
5.0mm	Stainless Flat Bar SS316	3.0mm	Makita Impact Driver TD001GZ 40V 5.0Ah Battery	Flat out	High (up to 3,200rpm)	Med	High	60	Retired

TIME TEST - DRILLING 5 HOLES

2:24

NOTES:

Tip damage