

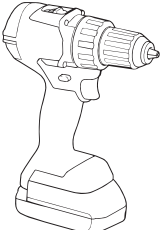



CORDLESS DRILL/DRIVER

STAINLESS FLAT BAR SS316 - 3.0mm      DRILL BIT - 8.0mm

YOU WILL NEED



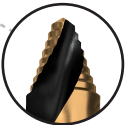

Alpha ONSITE+  
Step Tip Drill Bit

Cordless Drill/Driver

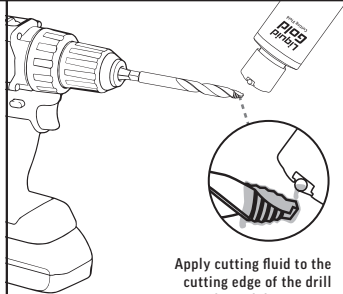
Alpha Liquid Gold  
Cutting Fluid

Personal Protective  
Equipment (PPE)

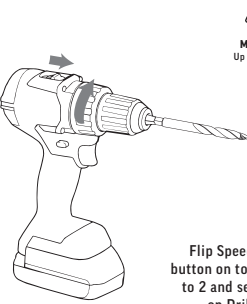
BEST PRACTICE GUIDE



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

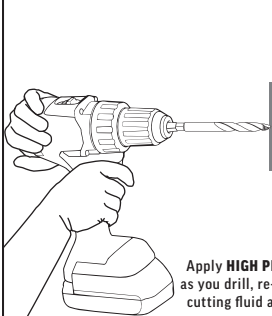


Apply cutting fluid to the cutting edge of the drill bit to lubricate cut against heat and friction



MED SPEED  
Up to 1,300RPM

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



HIGH PRESSURE

Apply HIGH PRESSURE as you drill, re-applying cutting fluid as needed

DRILL DIAMETER	MATERIAL	MATERIAL THICKNESS	TESTING TOOL	SPEED / TORQUE RECORDED	SPEED	PRESSURE	IMPACT	HOLES	BLUNT / RETIRED
8.0mm	Stainless Flat Bar SS316	3.0mm	Makita Drill/Driver DF001GZ 40V 5.0aH Battery	50% Speed - 2	Med (up to 1,300rpm)	High	N/A	34	Blunt





TIME TEST - DRILLING 5 HOLES

5:00

IMPACT DRIVER

STAINLESS FLAT BAR SS316 - 3.0mm      DRILL BIT - 8.0mm

YOU WILL NEED




Alpha ONSITE+  
Step Tip Drill Bit

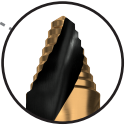

Impact Driver

Alpha Liquid Gold  
Cutting Fluid

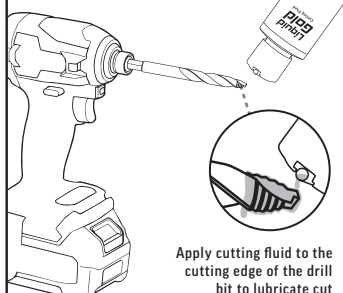
Personal Protective  
Equipment (PPE)



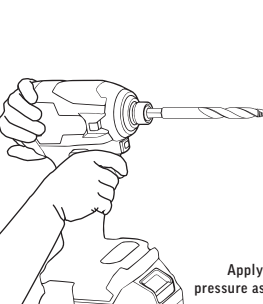
BEST PRACTICE GUIDE



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

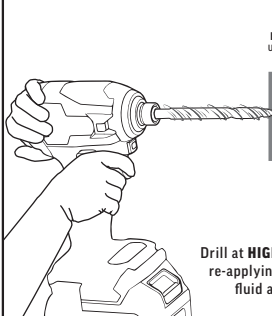


Apply cutting fluid to the cutting edge of the drill bit to lubricate cut against heat and friction



MED PRESSURE

Apply MEDIUM pressure as you drill



HIGH SPEED  
Up to 3,200RPM

Drill at HIGH SPEED, re-applying cutting fluid as needed

DRILL DIAMETER	MATERIAL	MATERIAL THICKNESS	TESTING TOOL	SPEED / TORQUE RECORDED	SPEED	PRESSURE	IMPACT	HOLES	BLUNT / RETIRED
8.0mm	Stainless Flat Bar SS316	3.0mm	Makita Impact Driver TD001GZ 40V 5.0aH Battery	Speed 3 / Impact 4 / Med Pressure	High (up to 3,200rpm)	Med	High	58	Blunt

TIME TEST - DRILLING 5 HOLES

4:20