

CORDLESS DRILL/DRIVER

MILD STEEL FLAT BAR - 10.0mm

DRILL BIT - 8.0mm

YOU WILL NEED



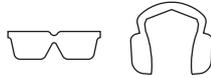
Alpha ONSITE+ Step Tip Drill Bit



Cordless Drill/Driver



Alpha Liquid Gold Cutting Fluid



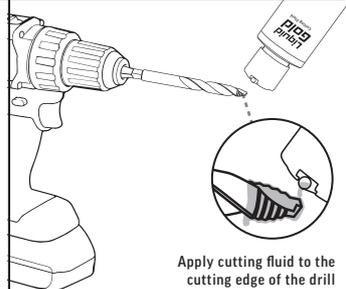
Personal Protective Equipment (PPE)



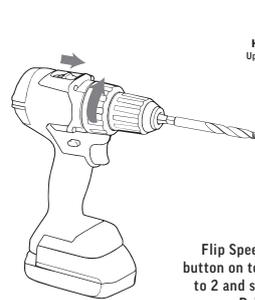
BEST PRACTICE GUIDE



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

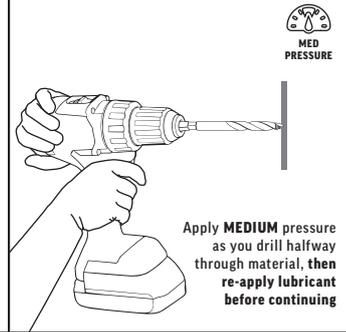


Apply cutting fluid to the cutting edge of the drill bit to lubricate cut against heat and friction



HIGH SPEED
Up to 2,600RPM

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



MED PRESSURE

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
8.0mm	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	48	Retired

TIME TEST - DRILLING 5 HOLES

3:40

IMPACT DRIVER

MILD STEEL FLAT BAR - 10.0mm

DRILL BIT - 8.0mm

YOU WILL NEED



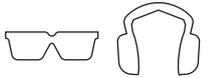
Alpha ONSITE+ Step Tip Drill Bit



Impact Driver



Alpha Liquid Gold Cutting Fluid



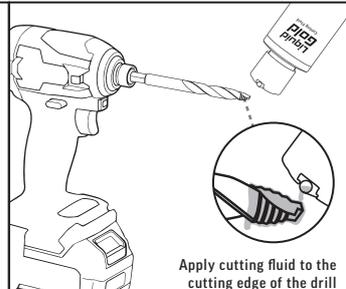
Personal Protective Equipment (PPE)



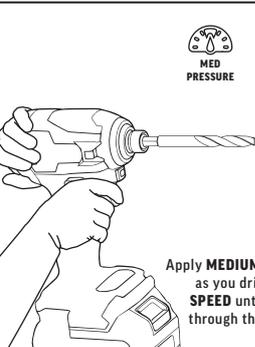
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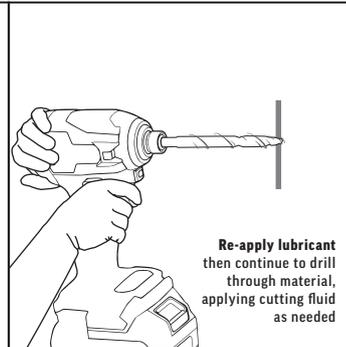


Apply cutting fluid to the cutting edge of the drill bit to lubricate cut against heat and friction



MED PRESSURE **HIGH SPEED**
Up to 3,200RPM

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



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

DRILL DIAMETER	MATERIAL	MATERIAL THICKNESS	TESTING TOOL	TEST SPEED / TORQUE	SPEED	PRESSURE	IMPACT	HOLES DRILLED	BLUNT / RETIRED
8.0mm	Mild Steel Flat Bar	10.0mm	Makita Drill/Driver DF001GZ 40V 5.0Ah Battery	Flat out / High Impact / Light Pressure	High (up to 3,200rpm)	Med	High	30	Blunt

TIME TEST - DRILLING 5 HOLES

3:40