

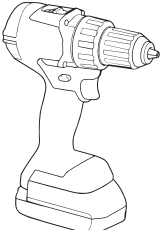



CORDLESS DRILL/DRIVER

ZINC STEEL SHEET - 0.8mm DRILL BIT - 12.0mm

YOU WILL NEED



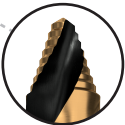

Alpha ONSITE+
Step Tip Drill Bit

Cordless Drill/Driver

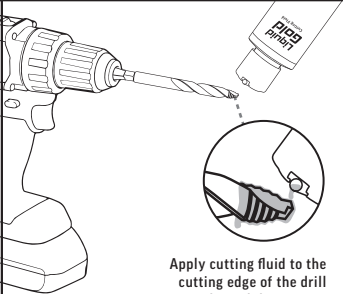
Alpha Liquid Gold
Cutting Fluid

Personal Protective
Equipment (PPE)

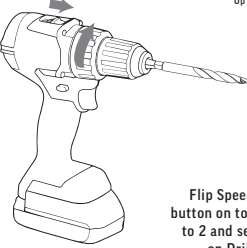
BEST PRACTICE GUIDE




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

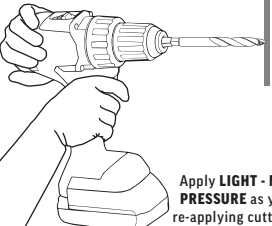



Apply cutting fluid to the cutting edge of the drill bit to lubricate cut against heat and friction



 **HIGH SPEED**
Up to 2,600RPM

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



 **LIGHT - MED PRESSURE**

Apply **LIGHT - MEDIUM PRESSURE** as you drill, re-applying cutting fluid

DRILL DIAMETER	MATERIAL	MATERIAL THICKNESS	TESTING TOOL	SPEED / TORQUE RECORDED	SPEED	PRESSURE	IMPACT	HOLES	BLUNT / RETIRED
12.0mm	Zinc Steel Sheet	0.8mm	Makita Drill/Driver DF001GZ 40V 5.0aH Battery	High Speed / Medium Pressure	High (up to 2,600rpm)	Light - Med	N/A	2000+	Retired





TIME TEST - DRILLING 5 HOLES

0:27

IMPACT DRIVER

ZINC STEEL SHEET - 0.8mm DRILL BIT - 12.0mm

YOU WILL NEED



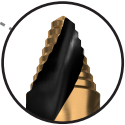

Alpha ONSITE+
Step Tip Drill Bit

Impact Driver

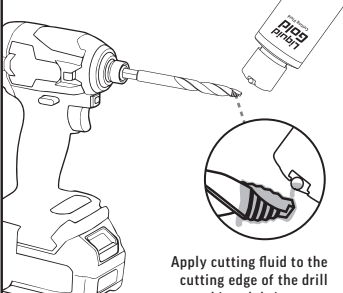
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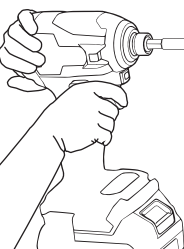
BEST PRACTICE GUIDE




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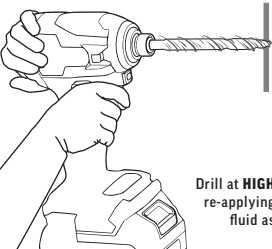



Apply cutting fluid to the cutting edge of the drill bit to lubricate cut against heat and friction



 **LIGHT PRESSURE**

Apply **LIGHT 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
12.0mm	Zinc Steel Sheet	0.8mm	Makita Impact Driver TD001GZ 40V 5.0aH Battery	N/A	High (up to 3,200rpm)	Light	Low	2000+	N/A

NOTES:

No advantage from using impact