

GTAW BORE TORCHES



Product Introduction

Bore Torches

AMET is pleased to provide the following product introduction on our standard models of GTAW bore torches. These bore torches are designed to extend into a bore or valve and weld by the GTAW process. As desired, the torches provide for addition of hot wire or cold wire into the weld zone.

Presently, AMET offers our bore torches in 2 models, BC-TORCH-L and BC-TORCH-S, a standard and compact version respectively. Each model requires water cooling and TIG shield gas.

Our torches include an isolated, separate conduit tube to insure that hot wire voltage, arc voltage and current are not transferred to other parts of the torch, piece part or equipment.

One very unique design feature is that AMET designed their bore torches around standard GTAW torch consumables. Many of the torch parts the operator will need to keep the torch in production can be found at most welding distributors.

BC-TORCH-S Compact Bore Torch

The BC-TORCH-S is our compact version of the GTAW bore torch. This torch is designed to enter into small bores, yet still deliver wire into the weld puddle.

Torch Specifications:



Minimum Bore:

For Hot Wire Feed:	2.125" (54 mm)
For Cold Wire Feed:	1.75" (45 mm)
Max. Hot Wire current:	70 amps
Max. Weld Current:	200 amps
Duty Cycle rating:	100%
Max. Standard Reach:	36" (900 mm)
Cooling Requirements:	1.1 gpm @ 50 psi
Note:	Other lengths are available per special order.



BC-TORCH-L Compact Bore Torch

The BC-TORCH-L is our standard version of the GTAW bore torch. This torch is designed to enter into medium-sized bores, yet still deliver wire into the weld puddle with more power capability.

Torch Specifications:

Minimum Bore:

For Hot Wire Feed:	3.5" (89 mm)
For Cold Wire Feed:	3.0" (76 mm)
Max. Hot Wire current:	70 amps
Max. Weld Current:	350 amps
Duty Cycle rating:	100%
Max. Standard Reach:	48" (1220 mm)
Cooling Requirements:	1.1 gpm @ 50 psi

Note: Other lengths are available per special order.

