

## Universal Breaching System (UBS)

### PRODUCT TECHNICAL DATA SHEET

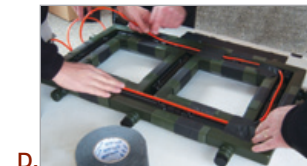
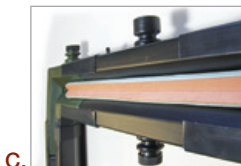
#### DESCRIPTION:

The Universal Breaching System (UBS) is a field adaptable breaching platform that allows end users the flexibility to quickly configure shapes and integrate explosives. The frame of the UBS is made from durable, blow molded sections (A.) that can be configured into a final delivery tool.

The UBS is manufactured in the following two configurations:

- V-shaped channel that houses conventional breaching explosives such as:
  - PRIMASHEET® Flexible Sheet Explosive (B.)
  - ACE™ Advanced Cutting Explosive (C.)
  - PRIMACORD® Detonating Cord (D.)
- U-shaped channel that houses binary HELIX™ High Energy Liquid Explosive. HELIX™ UBS offers end users breakthrough logistical freedom compared to conventional explosive breaching systems.

Depending on the target, the user can pour water or other tamping media inside the hollow UBS frame to direct energy and reduce blast overpressure. Combined with EBA&D's full line of SKIN-PACK® Detonator Assemblies and Shock Tube Detonator Systems, the UBS provides a flexible, easy to use breaching solution.



#### APPLICATION:

- Tactical breaching
- Demolition
- Explosive ordnance disposal (EOD)
- Counter IED

#### KEY FEATURES:

- Robust corner, straight and tee sections
- Lightweight and adaptable configurations
- Water or other tamping media option
- Conventional or binary energetic configurations
- Reduced logistics

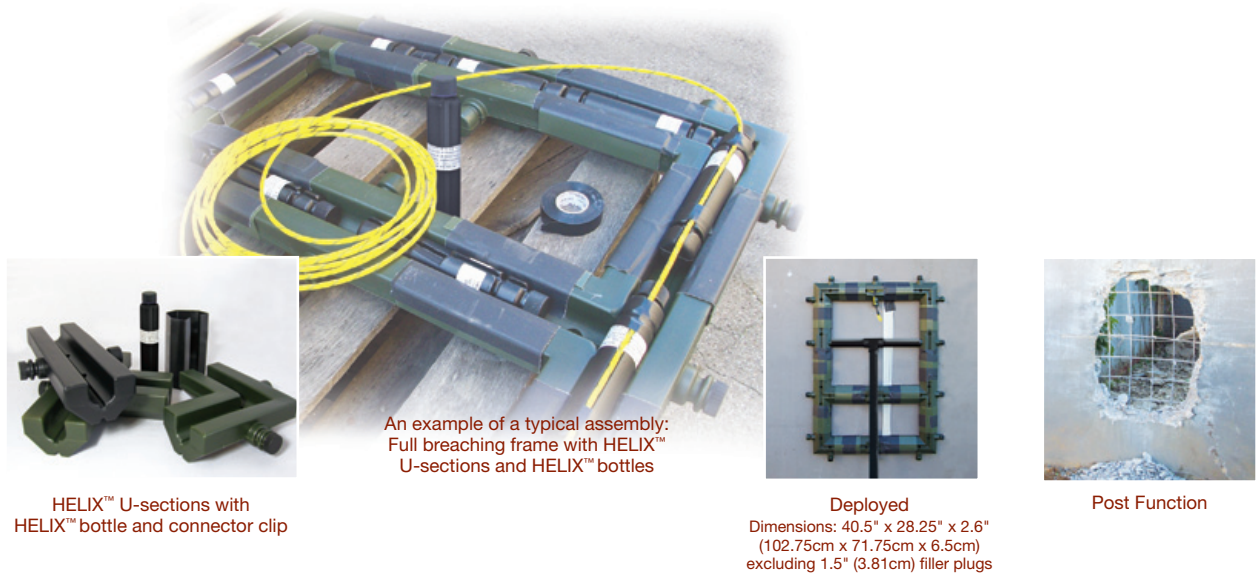


**Universal Breaching System (UBS)**

**SPECIFICATIONS:**

DESCRIPTION	DIMENSIONS* (NOMINAL)		EMPTY WEIGHT (NOMINAL)		WEIGHT w/ WATER (NOMINAL)	
	in	cm	lb	kg	lb	kg
V-Corner Section	8 x 8 x 2.5	20.25 x 20.25 x 6.5	0.55	0.25	3.13	1.41
V-Straight Section	12.25 x 4 x 2.5	30.5 x 10 x 6.5	0.35	0.15	3.25	1.56
V-Tee Section	12 x 8 x 2.5	30.5 x 20.25 x 6.5	0.55	0.25	4.06	1.84
HELIX™ U-Corner Section	8 x 8 x 2.5	20.25 x 20.25 x 6.5	0.65	0.30	2.75	1.24
HELIX™ U-Straight Section	12.25 x 4 x 2.5	30.5 x 10 x 6.35	0.45	0.2	3	1.36
HELIX™ U-Tee Section	12 x 8 x 2.5	30.5 x 20.25 x 6.5	0.75	0.4	3.5	1.58
Connector Clip	6 x 4.25 x 2.6	15 x 10.5 x 6.5	0.13	0.06	Not applicable	
HELIX™ Bottle	8 x 1.38 diameter	20.25 x 3.5	0.06	0.03	Not applicable	
Prop Stick	5.5 x 14.5 x 2	14 x 37 x 5	0.75	0.34	Not applicable	

Contact EBA&D for more details on the full breaching frame or shooting hole configurations.  
\*For sections, this excludes 1.5" (3.81cm) filler plugs



An example of a typical assembly:  
Full breaching frame with HELIX™  
U-sections and HELIX™ bottles

HELIX™ U-sections with  
HELIX™ bottle and connector clip

Deployed  
Dimensions: 40.5" x 28.25" x 2.6"  
(102.75cm x 71.75cm x 6.5cm)  
excluding 1.5" (3.81cm) filler plugs

Post Function

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