



155 mm BASE BLEED UNITS



- 39, 45 & 52 CALIBRE
- EXTENDED RANGE
- IMPROVED ACCURACY
- EASILY FIELD-FITTED



## 155mm BASE BLEED UNITS

The base bleed unit increases the range of a 155 mm gun howitzer projectile. It does not augment the thrust initially imparted to the projectile, but extends its range by reducing base drag. This extended range is achieved without compromising accuracy of payload volume.

The base bleed unit generates gas which fills the vacuum behind the projectile base, reducing base drag on the projectile by up to 80% and increasing the range by up to 30%, depending on the weapon and charge used.

With experience gained from hundreds of thousands of rounds fired in combat situations over a period of ten years, our position as a world leader in base bleed technology is unchallenged. Ongoing development work at our extensive testing facilities is aimed at maintaining our position and reputation, thereby giving you the winning edge.

## PROVEN ADVANTAGES

The following unique characteristics of our product ensure our competitive advantage:

- Early and consistent ignition.
- Optimum gas generation profile.
- Optimum mechanical properties of propellant.
- Base bleed units can be rapidly fitted on the battlefield.

## CHARACTERISTICS

Mass	4,8 kg	Operating temperature	-40°C to +60°C
Length	120 mm	Propellant shelf life	10 years
Diameter	152 mm	Interface	5" -12 UN 2B LH female thread

## TYPICAL 155 mm APPLICATIONS AND PERFORMANCE

Barrel	Projectile	BB Unit	Charge	Velocity (m/s)	Max range (km)*
52 Calibre	ERFB HE	M1A3	M53A2	921	40,5
			M52A1 + 2 incr	808	31,5
45 Calibre	ERFB HE	M1A3	M53A2	895	39,0
			M52A1 + 2 incr	789	30,0
39 Calibre	ERFB HE	M1A3	M32A1	790	30,0

\*At sea level, standard NATO met., mass and velocity.