

# Shock★Star Dual Delay

PRODUCT INFORMATION BROCHURE

**SHOCK★STAR DUAL DELAY** Detonators combine in-hole delay detonators and surface connectors in one product. This combination offers convenience for storage and inventory management of one product instead of two and often reduces space requirements for transportation.

Connecting of blast patterns is faster with SHOCKSTAR DUAL DELAYs as fewer connections are required in total. As fewer individual products are used in the blast pattern clutter at connection points is reduced and visual inspections is easier.



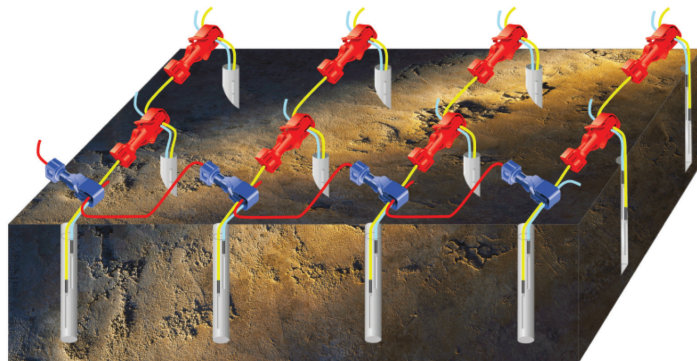
## BENEFITS

- 720 mg base charge.
- Manufactured with bright yellow shock tube for high visibility.
- Surface connector has 8 Shock Tube capacity and is colour coded to surface delay time.
- High impact protection.

## PROPERTIES

Delay sequence

Nominal delay times (ms)	SHOCKSTAR DUAL DELAY	
	17/350	17/500
	25/350	25/500
	42/350	42/500
	67/350	67/500



## AUSTIN POWDER

Tenaga Kimia-Austin Detonator Sdn. Bhd. (580221-P)  
(formerly known as Tenaga Kimia-Ensign Bickford Sdn Bhd)

No. 8, Jalan SS 22/21, Damansara Jaya, 47400 Petaling Jaya, Selangor Darul Ehsan. Tel : 603 - 7729 7464 | Fax : 603 - 7729 8383

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## STANDARD TECHNICAL DESCRIPTION

<b>DETONATOR</b>	
Detonator shell material	Aluminum
Base charge	720 mg / 120 mg
Water pressure resistivity	0.3 MPa / 7 days
Temperature range for application	from -30 °C to +60 °C
Shelf life (storage conditions)	2 years (-30 °C to +40 °C, R.H. max. 65%) in original, sealed package
Label marking	Delay #, Detonator type, Delay ms, ST length, Order number
<b>SHOCK TUBE</b>	
Velocity of detonation	2,000 ± 100 m/s
Color	Yellow

## STANDARD PACKAGING DETAILS

Shock tube length (m)	DD 1.1B UN 0360		Shock tube length (m)	DD 1.4S UN 0500	
	Lasso	Fig 69		Lasso	Fig 69
	Units / Box			Units / Box	
6	90	80	6	60	60
9	70	60	9	45	50
12	50	50	12	30	40
15	40	40	15	30	30
18	35	35	18	25	25
21	30	30	21	20	25
24	30	30	24	20	20
30	25	25	30	15	20

SHOCK★STAR DUAL DELAY detonators are packaged in cardboard carton of outer dimension 385x235x282 mm.

Contact your local Austin Powder representative for further information.

### Disclaimer of Warranties and Limitations of Liabilities

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