

Shock★Star Surface

PRODUCT INFORMATION BROCHURE

SHOCK★STAR SURFACE connectors are especially designed for the initiation of other shock tube detonators and to introduce a delay between holes.

The connector block is designed to ensure reliable connections in two positions:

- unlocked position for normal working conditions
- locked position for most demanding working conditions with a risk of disconnection (e.g. under heavy mats).



SHOCK★STAR SURFACE connectors are equipped with connector blocks able to contain 8 outgoing shock tubes. The connectors have a lowered base charge to reduce noise levels and eliminate shrapnel cut-off concerns.

SHOCK★STAR SURFACE detonator can also be used for blast initiation. It is produced in lengths of 150, 300, 500 and 750 m and is supplied on spools. SHOCK★STAR SURFACE connectors must not be used for initiation of detonating cord.



BENEFITS

- Easy shock tube connection, Locking mechanism to ensure locking of the tubes in the block if needed. Capacity of 8 shock tubes.
- Colour coding according to the delay time of the detonator.
- Excellent delay time accuracy ensures greater than 99% probability of in-sequence initiation.
- Manufactured with red shock tubing for easy differentiation from in-hole detonators when inspecting the connected blast pattern.
- High impact protection.

PROPERTIES

Range of delays consists of 6 delay periods.



0 ms 17 ms 25 ms 42 ms 67 ms 100 ms



AUSTIN POWDER

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

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STANDARD TECHNICAL DESCRIPTION

DETONATOR	
Detonator shell material	Aluminum
Base charge	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
SHOCK TUBE	
Velocity of detonation	2,000 ± 100 m/s
Color	Red

STANDARD PACKAGING DETAILS

Shock tube length (m)	SURFACE 1.4S UN 0500	
	Lasso	Fig 69
	Units / Box	
2.4	120	120
4.8	90	90
6	90	80
7.2	70	70
9	70	60
12	50	50
15	40	40
24	30	30

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

*SPOOLS ON DEMAND.

(Only applicable for purchases 30 meters and above)*

Contact your local Austin Powder representative for further information.

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12/2019