

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 and 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 400, 600 and 800 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.
- Color 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.

DELAY SEQUENCE

Range of delays consists of 9 delay periods:



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STANDARD TECHNICAL DESCRIPTION

Detonator	
Detonator shell material	Aluminum
Base charge	120 mg
Water pressure resistance	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, Data matrix code (traceability)
Notified body	CE 0589
Shock Tube	
Velocity of detonation	2,000 ± 100 m/s
Color	Red

PACKAGING DETAILS

Shock Tube length (m)	Inner bags per Carton	Units per Carton	Packaging
4.8	1	110	1.4S UN 0500
6	1	90	1.4S UN 0500
9	1	80	1.4S UN 0500
12	1	60	1.4S UN 0500
15	1	50	1.4S UN 0500
18	1	40	1.4S UN 0500
24	1	35	1.4S UN 0500
30	1	28	1.4B UN 0361

Packaging: Cardboard carton of outer dimension 390x235x295mm

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