

### **PRODUCT INFORMATION** BROCHURE

## SHOCK\*STAR SURFACE



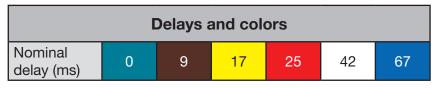
The **Shock \* Star Surface** Surfaces are specially designed for the initiation of other non-electric detonators and for introducing a delay between holes. The connector is designed to ensure reliable connections in two positions: unlocked position for normal working conditions and locked position for the most demanding working conditions with risk of disconnection

1.1**B** 

The **Shock \* Star Surface** Surfaces are equipped with connectors capable of holding up to 8 shock tubes. The connectors have a lower base load to reduce noise levels and eliminate shrapnel cutting problems. **Shock \* Star Surface** Connectors should not be used to initiate the trigger cord.

#### PRODUCT OVERVIEW

#### PROPERTIES



\*Ask for 100 and 200 ms

#### **PROCEEDS**

- Simple connection of the shock tube, with locking mechanism that ensures the blocking of the tubes if necessary. Capacity for 8 shock tubes.
- Color coded according to detonator delay.
- The excellent accuracy of the delay time guarantees a probability of sequence initiation greater than 99%.
- Made of brightly colored shock tube (red or yellow) so that they are easily differentiated from common detonators when inspecting the connection.
- High impact protection.

#### STANDARD TECHNICAL DESCRIPTION

Detonator		
Capsule material	Aluminium	
Base load	120 mg	
Water pressure resistance	0.3 MPa / 7 days	
Application temperature range	from -30°C to +60°C	
Labeling	Delay number, detonator type, delay ms, shock tube length, barcode and lot code (traceability), emergency number, product registration number (ANMaC)	
Shock tube		
Detonation velocity	2,000 ± 100 m/s	
Color	Yellow/Red	

#### **STANDARD PACKAGING**

Length (m)	Units/Box
4,2	100
6	100
9	75
15	50

Other shock tube lengths are possible on request The Shock  $\star$ Star Surface detonators are packaged in cardboard boxes of exterior dimensions 533 x 271 x 277 mm.

#### **SHELF LIFE, STORAGE & DISPOSAL**

- Shelf life is two years from the date of manufacture under suitable storage conditions.
- Recommended conditions: -30°C to +40°C, Relative Humidity max. 65%, in original package.
- Shock \*Star Surface connectors should be stored in detonator magazines. Detonators cannot be stored in the same magazines as high explosives (cartridge emulsions, boosters, etc.) and blasting agents (ANFO). These magazines must comply with current legal requirements.
- Disposal: According to local regulations. If you have any questions, ask your provider.

Contact your local Austin Powder representative for further information.

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Our Mission is to improve the world we live in through the safe and responsible use of explosives.

#### USE

- Open pit mining
- Underground mining
- Quarries
- Civil Works and Demolitions

#### **TRANSPORT – UN CLASSIFICATION**

Shipping Name: NON-ELECTRIC DETONATOR ASSEMBLIES Class & Division: 1.1B ID Number: UN 0360

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