

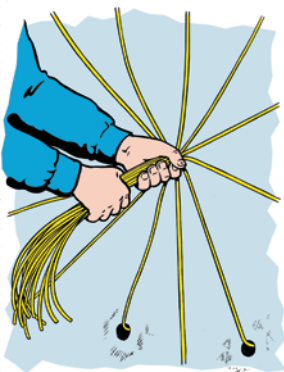


NONEL® Bunch Connectors are quick-connection units that can initiate 5 to 20 NONEL tubes at the same time. The standard NONEL Bunch Connector consists of a SLO connector block (green) that contains a mini-detonator with no delay element. A loop of detonating cord, dimensioned to initiate a bunch of NONEL tubes, is connected to the SLO connector block. Several bunches of NONEL tubes can be initiated at the same time.

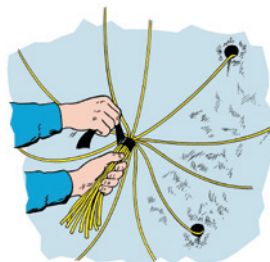
Technical data

Detonator	Mini Detonator SL 0
Detonating Cord	E-cord (5 g/m)
Delay times	0 ms (17 - 176 ms)
Tube length	6,0 m
Color bunch connector	Green (standard)
Usertemperature	From -35° C to + 50° C

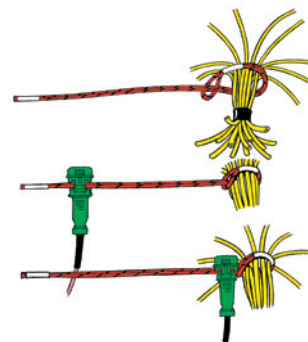
Initiation with bunch connectors



The bunch connector is only intended for use freely hanging on the tunnel face. At least 5 and a maximum of 20 NONEL-tubes are collected into a bunch.

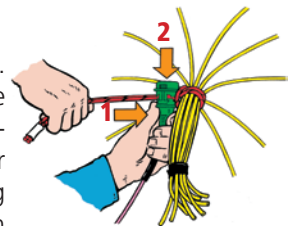


The bunch is taped approx. 50 cm from the front.



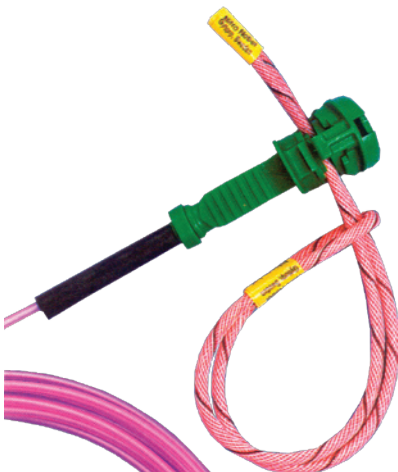
The bunch is passed through the loop of 5 g/m detonating cord. A SnapLine 0 is fitted to the loop and slid towards the bunch.

Place the bunch connector approx. 10 cm from the tape. Press the SnapLine block towards the NONEL-bunch (1), Lock the bunch connector by pressing the lid to locking position (2). Connect the bunch connectors in an and pull the bunch connectors from the face. No bunch connector nor part of the detonating cord loop should be closer to an adjacent NONEL tube than 20 cm.



The Bunch Connectors above are normally packed in accordance with UN transportation class 1.1B. Class 1.4S packaging is available to order, in which case the SL unit and loop of detonating cord are supplied separately for local adaptation. Delays other than SL0 (i.e. 17,25,42,67,109 and 176 ms) can be obtained for the other SL units. (Available to order)

Bunch Connector		
Lead length m	Qty per bag 1.1B	Qty per box 1.1B
6	10	60



Approval and classification	
Notified Body	CE 0402 (SP, Sweden)
EC Type Examination	158401
Proper shipping name	Detonator assemblies, Non-electric
UN-number	0360
Transport class	1.1.B

Storage conditions	
Shelf life	2 years in original packing. Products in opened package should be used within 3 months. In climates with high humidity, used within one month.
Humidity	Dry and airy

Destruction of NONEL tube
Blast away the reactive material with DynoStart and send the tube to: Recycling - Garbage dump - Burning site.