



The connection on single strand cables is carried out by using a sleeve that allows to guarantee their connection. It can be bonded "G" and unbonded "GX". Both applications can be used with all the versions of an active anchorage.

"G" series single strand connection

(Bonded unbonded encapsulated post-tensioning)



Mobile "G" coupler for single strand



Mobile "GX" coupler for single strand

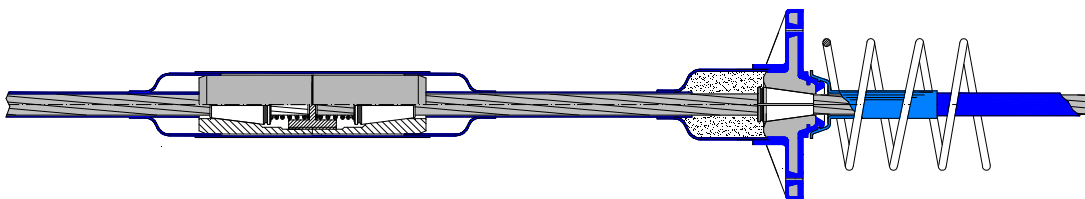
The "G" connection anchorage is carried out with the total encapsulation of the device. The polyethylene covering is guaranteed on its whole length allowing the connection to slide due to the elongation.

1GX15-C1 unbonded connection with 1E15 anchorage

(Unbonded post-tensioning)



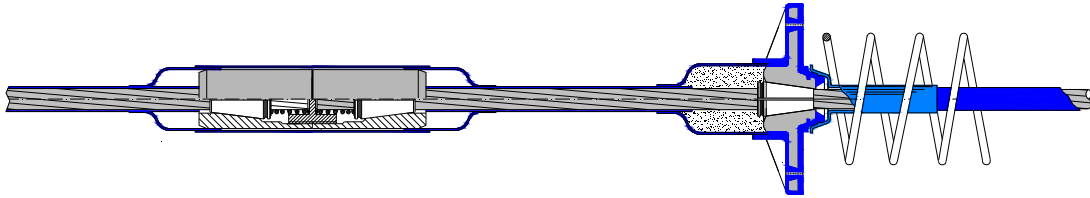
Unbonded 1GX15-C1 connection provided with a special protection outside the sleeve which allows it to slide while tensioning, thus guaranteeing a bonded/unbonded application. The sleeve protection must take into consideration the displacement of the sleeve during tensioning operations. The system protection relies on the two levels: grease and polyethylene, while the anchorage protection is obtained by means of passivation while grouting.



1GX15-C2 unbonded connection with 1EX15 anchorage (Unbonded post-tensioning)



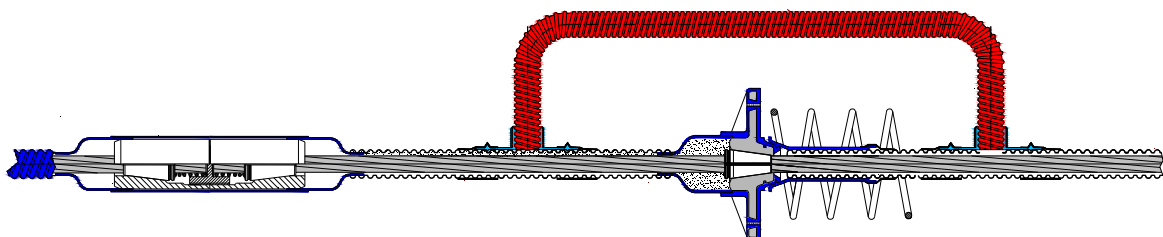
Unbonded 1GX15-C2 connection provided with a special protection outside the sleeve which allows it to slide while tensioning, thus guaranteeing a bonded/unbonded application. The sleeve protection must take into consideration the displacement of the sleeve during tensioning operations. The system protection relies on the two levels: grease and polyethylene, while the anchorage protection is obtained by means of a polyethylene encapsulation.



1GX15-C3 bonded connection with 1EX15 anchorage (Bonded post-tensioning)



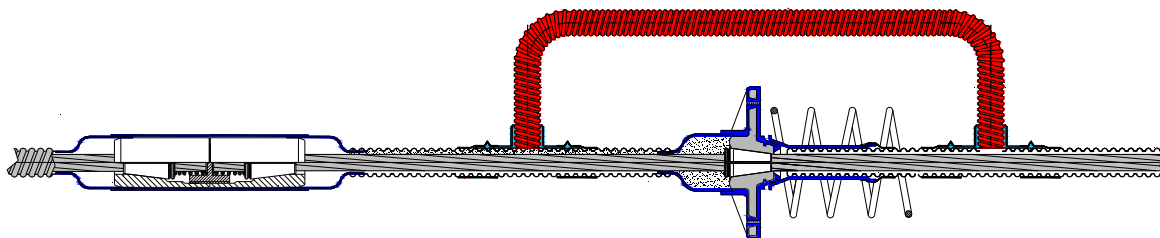
Bonded 1GX15-C3 connection provided with a special protection outside the sleeve which allows it to slide while tensioning, thus guaranteeing a bonded/unbonded application. The sleeve protection must take into consideration the displacement of the sleeve during tensioning operations. The system protection relies on the two levels: grease and polyethylene for the cable, while the anchorage protection is obtained by means of a polyethylene encapsulation.



1GX15-C4 bonded connection with 1EX15 anchorage (Bonded post-tensioning)



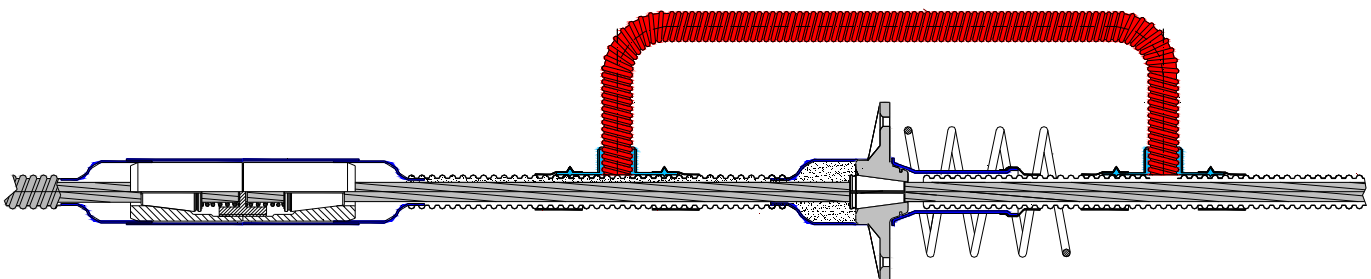
Bonded 1GX15-C4 connection provided with a special protection outside the sleeve which allows it to slide while tensioning, thus guaranteeing a bonded/unbonded application. The sleeve protection must take into consideration the displacement of the sleeve during tensioning operations. The system protection relies on the two levels: steel sheath where the protection is obtained by means of passivation while grouting, while the anchorage protection is obtained by means of a polyethylene encapsulation.



1GX15-C5 bonded connection with 1E15 anchorage (Bonded post-tensioning)



Bonded 1GX15-C5 connection provided with a special protection outside the sleeve which allows it to slide while tensioning, thus guaranteeing a bonded/unbonded application. The sleeve protection must take into consideration the displacement of the sleeve during tensioning operations. The system protection relies on the two levels: steel sheath and anchorage, where the protections are obtained by means of passivation while grouting.



1GX15-C6 bonded connection with 1E15 anchorage
(Bonded post-tensioning)



Bonded 1GX15-C6 connection provided with a special protection outside the sleeve which allows it to slide while tensioning, thus guaranteeing a bonded/unbonded application. The sleeve protection must take into consideration the displacement of the sleeve during tensioning operations. The system protection relies on the two levels: polyethylene sheath for the cable, while the anchorage protection is obtained by means of passivation while grouting.

