

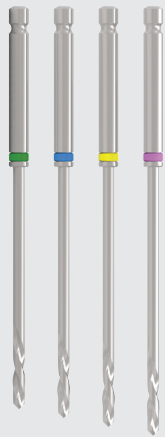
SURGICAL TECHNIQUE

MEDIAL PLATE

Surgical technique example with the medial lateral plate, Size 2 (CTDML2).

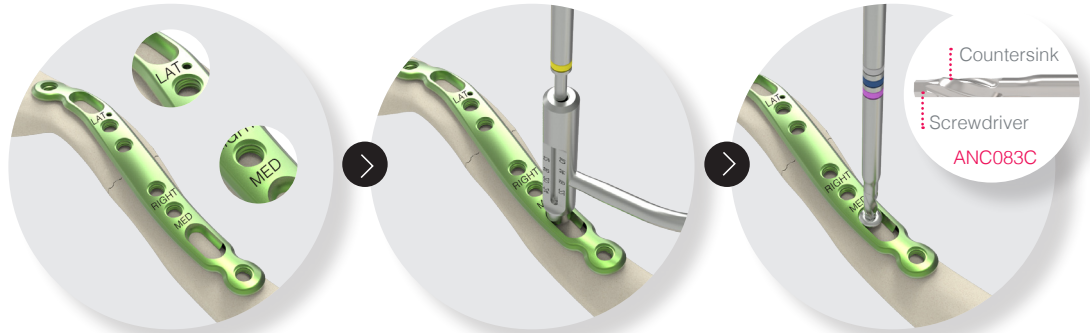
RANGE OF QUICK COUPLING SELF-LIMITING DRILL BITS

The Alians Clavicle kit offers a range of self-limiting drill bits designed for the insertion of Ø3.5 mm screws, to avoid any risks of excessive penetration and to protect the subclavian artery.



SELF-LIMITING DRILL BITS

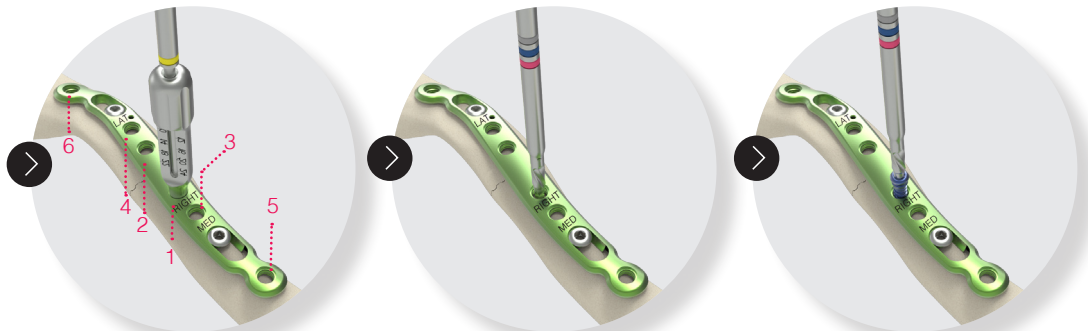
Ref.	Ring color	Length of corresponding screws
ANC187	Green	12 mm
ANC188	Blue	14 mm
ANC189	Yellow	16 mm
ANC190	Pink	18 mm



1. Position the plate making sure that the "LAT" and "MED" marks are correctly matched.

2. Perform the drilling using the non threaded bent guide gauge (ANC191) and the self-limiting drill bits (see herein) into the medial oblong hole.

3. Insert the cortical screw (CT3.5Lxx) using the screwdriver part of the 2-in-1 instrument (ANC083C). Repeat the same procedure for the remaining lateral oblong hole.



4. Insert the threaded guide gauge (ANC186C), for the Ø3.5 mm locking screws (SOT3.5Lxx) starting from the holes located near the fracture to those located at each end of the plate. Perform drilling using either the self-limiting drill bits or the Ø2.7 mm drill bit (ANC089C).

5. To ease the insertion of the Ø3.5 mm locking screws (SOT3.5Lxx), use the countersink part of the 2-in-1 instrument (ANC083C) in the hole previously drilled. This instrument has to be used for the 3 remaining locking screws (SOT3.5Lxx) insertion.

6. Insert the Ø3.5 mm locking screw (SOT3.5Lxx) using the screwdriver part of the 2-in-1 instrument (ANC083C). Repeat these procedures for the remaining Ø3.5 mm locking screws (SOT3.5Lxx).

FINAL RESULT

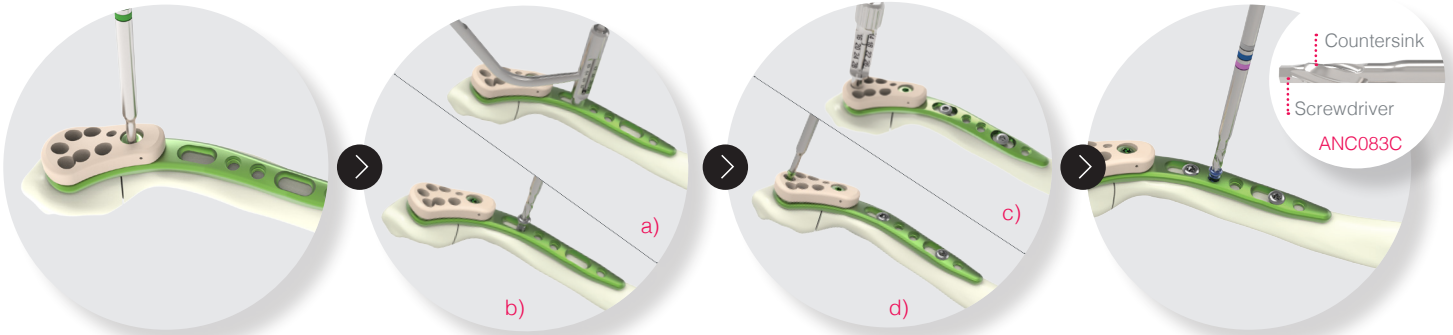


SURGICAL TECHNIQUE

LATERAL PLATE

Surgical technique example with the lateral plate, Size 2 (CTDL2).

→ MONOAXIAL SURGERY



1. Secure temporarily the fracture using wires. Lock the fast guide (ANC193 or ANC194 depending on the operated side) onto the plate and position the latter above the fracture.

2. In the oblong hole, drill (range of self-limiting drill bits or ANC089C) then directly read the drilling depth on the $\varnothing 2.7$ mm non threaded bent guide gauge (ANC191) (cf a). Insert the cortical screw (CT3.5Lxx) using the screwdriver part of the 2-in-1 instrument (ANC083C) (cf b). If needed, readjust the position of the plate using the oblong hole.

3. Drill (ANC088C) then directly read the drilling depth on the $\varnothing 2.0$ mm non threaded guide gauge (ANC046C) (cf. c). The $\varnothing 2.8$ mm epiphyseal locking screws (SDT2.8Lxx) are inserted into the plate through the fast guide, using the screwdriver (ANC082C) (cf d).

4. To ease the insertion of the $\varnothing 3.5$ mm locking screws (SOT3.5Lxx), use the countersink part of the 2-in-1 instrument (ANC083C) to widen the first cortex previously drilled. Then, insert the $\varnothing 3.5$ mm locking screw (SOT3.5Lxx) with the screwdriver part of the 2-in-1 instrument (ANC083C).

→ POLYAXIAL SURGERY



1. Insert the polyaxial guide gauge (ANC268C) into the plate through the fast guide (ANC193 or ANC194 depending on the operated side).

2. Then angulate as required and drill using the $\varnothing 2.0$ mm drill bit (ANC088C).

3. The $\varnothing 2.8$ mm epiphyseal screws (SDT2.8Lxx) are inserted into the plate through the fast guide using the screwdriver (ANC082C).

4. To ease the insertion of the $\varnothing 3.5$ mm locking screws (SOT3.5Lxx) use the countersink part of the 2-in-1 instrument (ANC083C) to widen the first cortex previously drilled. Then, insert the $\varnothing 3.5$ mm locking screw (SOT3.5Lxx) with the screwdriver part of the 2-in-1 instrument (ANC083C).

FINAL RESULT

