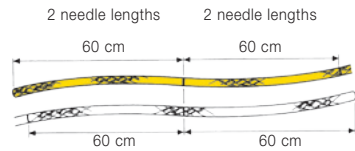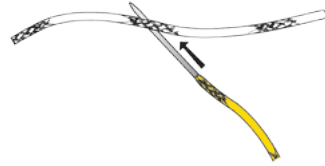# LONGLIFE XG, PROTECTOR XG, PROTECTOR HT, SUPERGRIP® XG, STRATOS® XG, SUPERLIFE XG
SPLICING INSTRUCTION HOLLOW ROPE

1. On both rope ends mark the center and the end of the splice.

2 needle lengths   2 needle lengths
60 cm   60 cm
60 cm   60 cm

2. Attach splicing needle to one rope end and pierce it in the rope at the center mark of the splice.
Note: Required for Longlife XG only!

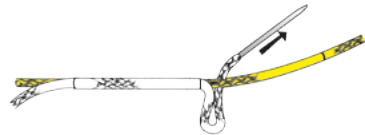**3.** Insert needle into the rope at the next braid hole.

4. Push needle to the end mark of the splice and pull it out. Take off the needle!

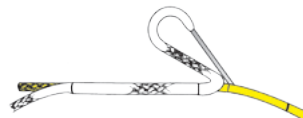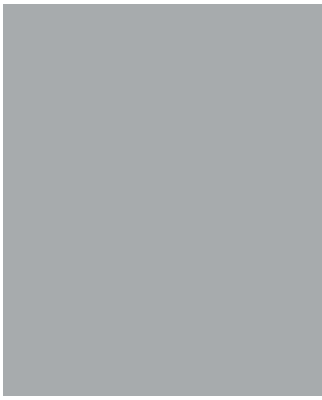**5.** Pull the rope through until both center marks match. Attach needle to the other rope end.

6. Pierce the needle through the rope at the next braid hole in the splice area center and pull tight.
Note: Required for Longlife XG only!

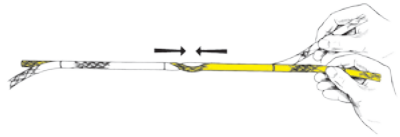**7.** Insert needle into the rope at the next braid hole.

8. Push it through to the splice end mark.
Pull out the rope end and take off needle.

9. Hold the inside rope and push the outer rope in the direction of the splice center and press the ropes against each other. Do this on both ends.
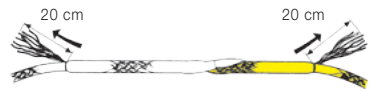
10. Starting at the center of the splice, smooth out the two connected splice parts towards the end of the splice to get an even splice area.

11. Pull out the rope ends approximately 2 cm and cut the rope, but do not let them slip back into the rope.

12. Pull out the remaining rope ends 20 cm and unravel the braid.

20 cm   20 cm

13. Taper the rope strands uniformly.
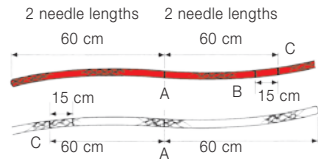**Note: Do not reduce the length!**

14. Pull the splice tight from the center towards the ends and check if the transition from rope to splice is smooth with gradual taper at each end.
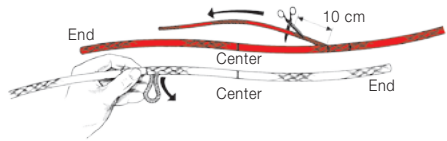
SPLICING INSTRUCTION ROPE WITH CORE

1. On both rope ends mark the center (A), the end of the core (B) and the end of the splice (C).
*Note: B-C = one palm!

2 needle lengths   2 needle lengths
60 cm   60 cm   C
15 cm   A   B   15 cm
C   60 cm   A   60 cm

2. Pull the core out at the mark for the core end (B). Hold the rope with the remaining core (C) tight to prevent slippage of the core inside the rope. Remove core from the short end of the rope. Cut the outside core at 10 cm.

End   10 cm
Center
End
Center

3. Attach splicing needle to one rope end and pierce needle into the rope at the center mark of the splice.
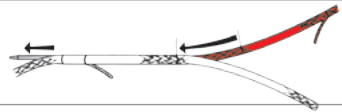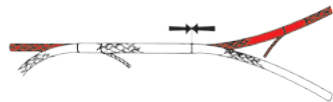**Note: Required for Highspeed XG only!**

4. Insert needle into the rope at the next braid hole.

5. Push needle to the end mark of the splice and pull needle out. Take off the needle!
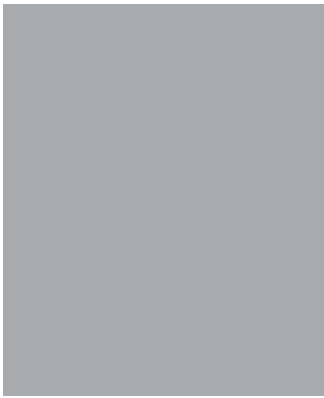
6. Pull the rope through until both center marks match. Attach needle to the other rope end.

7. Pierce the needle through the rope at the next braid hole in the splice area center and pull tight.
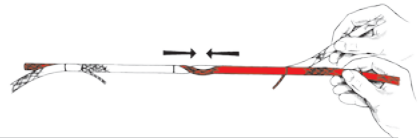**Note: Required for Highspeed XG only!**

8. Insert needle into the rope at the next braid hole.

9. Push it through to the splice end mark.
Pull out the rope end and take off needle.

10. Hold the inside rope and push the outer rope in the direction of the splice center and press the ropes against each other. Do this on both ends.

11. Starting at the center of the splice, smooth out the two connected splice parts towards the end of the splice to get an even splice area.

12. Pull out the remaining rope ends 20 cm and unravel the braid.

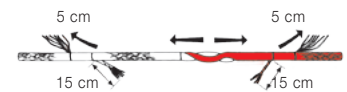20 cm   20 cm

13. Taper the rope strands uniformly.
Note: Do not reduce the length!

14. Pull the splice tight from the center towards the ends.

15. Pull out the remaining core end 15 cm and untwist it. Now the 3 elements of the core can be tapered and unraveled.

5 cm   5 cm
15 cm   15 cm

16. Check if rope- and core ends are still hanging out and if the transition from rope to the center of the splice is smooth with gradual taper at each end.

5 cm   5 cm
5 cm   5 cm