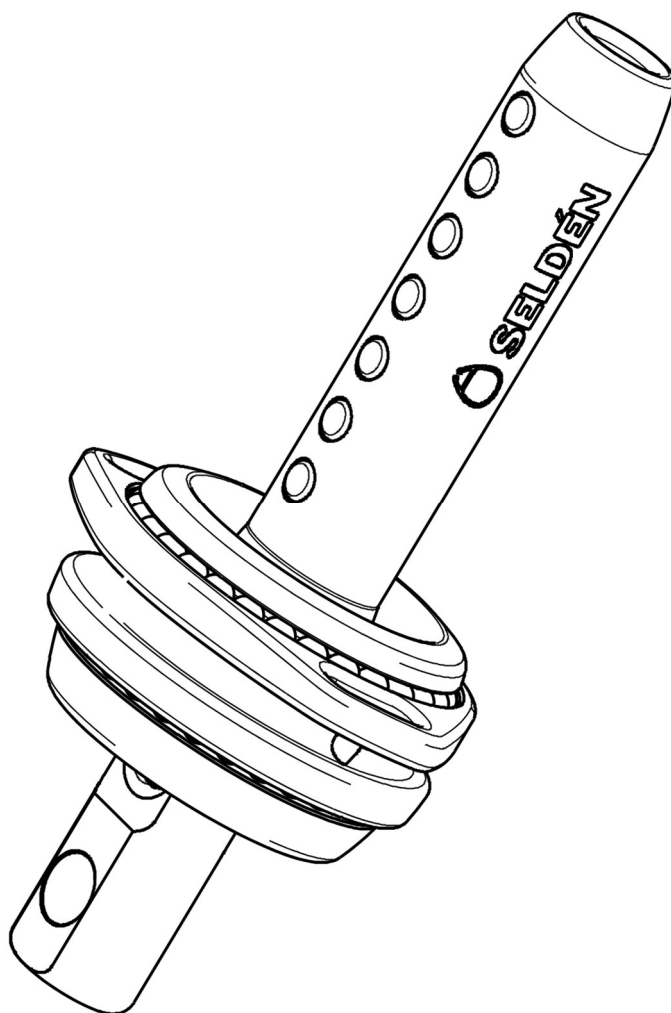


Nail terminal ø11/13/15

Manual and spare parts list



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1 Introduction

This manual covers the assembly of Seldén Nail terminals and accessories.

Please read the entire manual before assembly/usage and keep the manual available for future reference. The latest version is available at www.seldenmast.com.

Related installation manuals and user guides:

CXr 597-890-E, CXe 597-963-E

Safety Precautions

Carefully pay attention to, and follow the instructions with the following symbols:



ATTENTION

This symbol indicates a critical moment in the assembly or technical advice.

Choosing the correct version of Nail terminal and accessories for your boat:

The key to a safe and properly working installation is correct dimensioning in relation to the boat size the products shall be used on. Seldén provides dimensioning guidelines in catalogues, leaflets and on the website. If there are any questions about selecting the right product, please consult an authorized Seldén dealer. All dealers are listed at www.seldenmast.com and divided in categories describing their competence.

2 Nail terminal

2.1 Product presentation



Seldén nail terminals are designed and tested for Anti torsion (AT) cables supplied by Seldén Mast AB. Other brands of cable can be used but performance is not guaranteed by Seldén Mast AB.

The terminal connects directly to a CX/CXr or CXe unit or via a tack swivel adaptor. A tack swivel can also be fitted to the terminal, see Accessories on page 8.

The terminals are machined from 6000-series aluminium. The nails are made of 17.4 PH stainless steel.

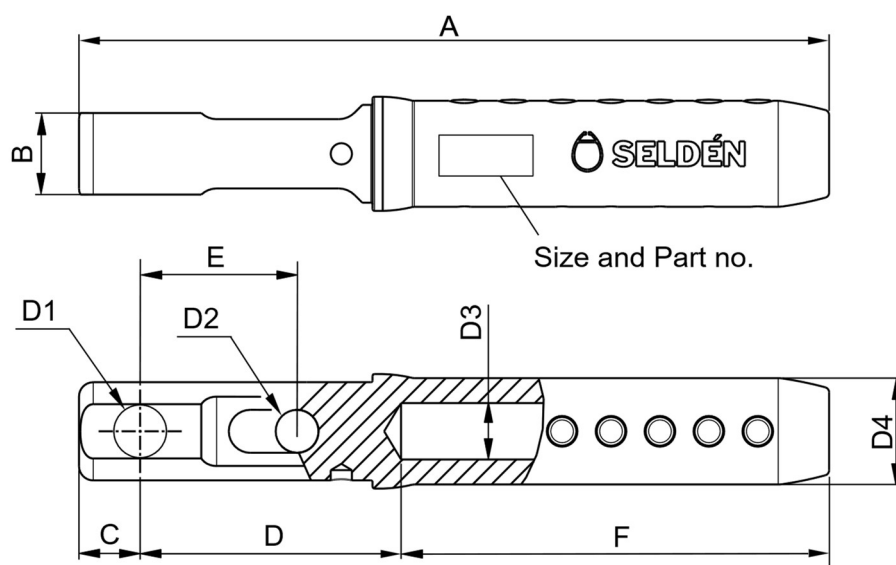
The nails are pressed or hammered all through the cable.

The terminal is available in three sizes:

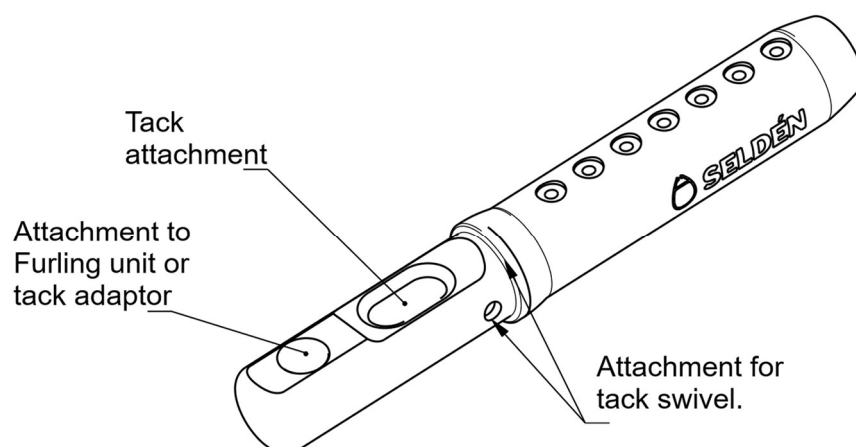
AT cable ø (mm)	Corresponding CX/CXr/CXe unit	Part no.
11	15	301-305-01R
13	25	301-306-01R
15	45	301-307-01R

Included in kit: Nail terminal (1x) Nails (Qty depending on size) Manual	Tools required: <ul style="list-style-type: none">• Plastic tape (thin-not cloth)• Sharp knife (breakaway or equiv.)• Pen or marker• Measuring tape• Hammer, press or bench vice.• Support (wood or plastic)
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2.2 Technical details



Part no. →	301-305-01R	301-306-01R	301-307-01R
A	165	184	235
B	16	20	20.5
C	13	15	17
D	59	64	76
E	37	40	48
F	93	105	142
D1	10.4	12.4	16.4
D2	10.5	10.5	13
D3	11.8	13.8	15.8
D4	22	26	30



3 Assembly

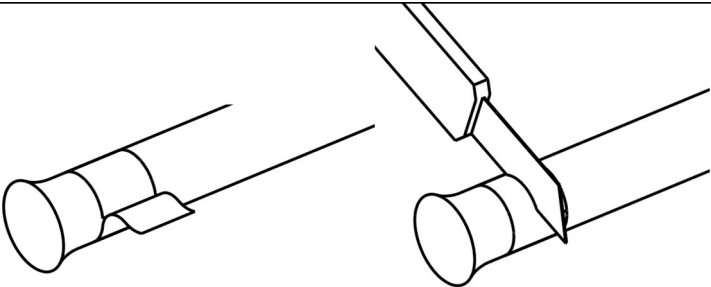
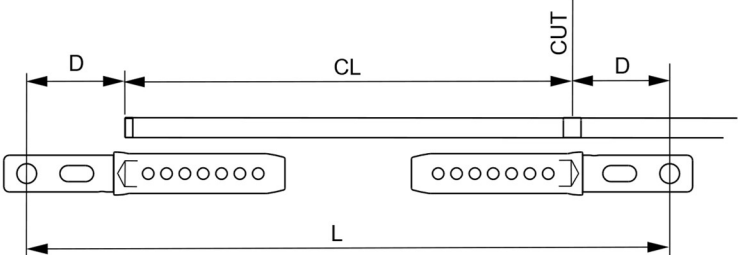
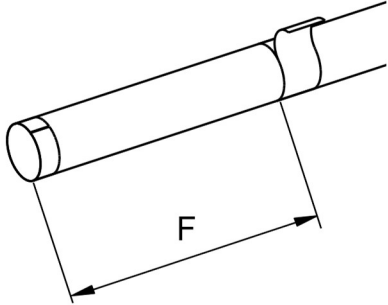
3.1 Assembly preparations

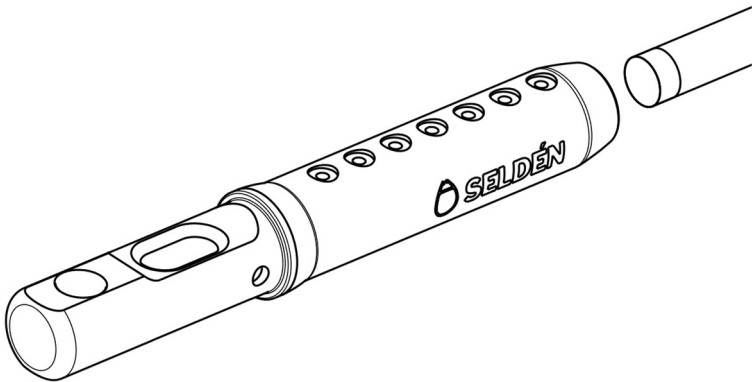
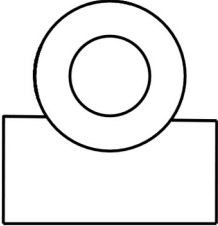
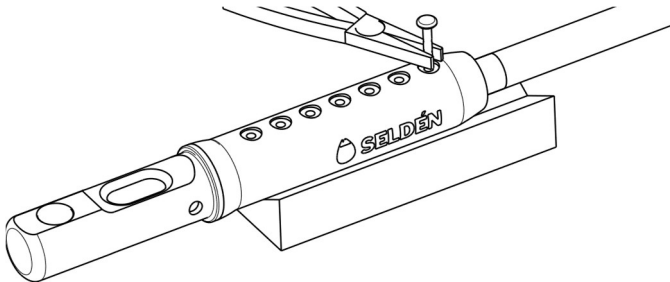
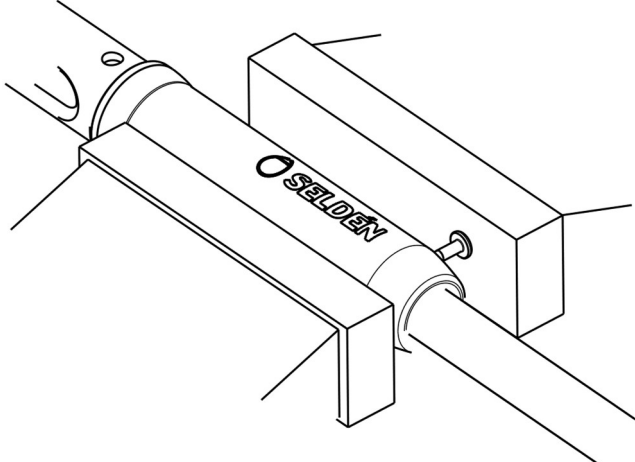
The nails can be hammered in but using a vice or a suitable press will facilitate the assembly.



If using a hammer—hold the nail with a pair of pliers until the nail has penetrated the first portion of the cable. The cable is tough, and the nail might bounce back if held by hand.

3.2 Step by step assembly

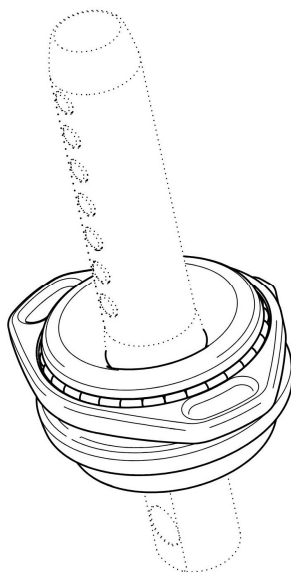
<p>1. Wrap a thin plastic tape hard around the cable ~20mm from the end. This will prevent the cover and strands from opening up. Make a clean cut in the middle of the tape. Cut all around before cutting through the core of the cable. Do not remove the tape.</p>	
<p>2. Verify the length (L) of the finished stay and deduct “D” for each terminal according to table on page 5. Mark the cutting length (CL) with tape and repeat the steps in point 1. Do not remove the tape.</p>	
<p>3. Mark terminal depth “F” with tape according to table on page 5.</p>	

<p>4. Insert the cable in the nail terminal. Make sure that the end of the cable bottoms out in the terminal and that the marking tape aligns with the top end of the terminal.</p>	
<p>5. Support the terminal on a firm surface. Use plastic or wood to prevent damaging the terminal.</p>	
<p>6. Make sure the cable bottoms out in the terminal and fit a nail in the first hole. Hold the nail with a pair of pliers during the first blows if a hammer is used. Do not pre-drill. Make sure the head of the nail is fully seated. Repeat the steps above for the remaining nails.</p>	
<p>7. The use of a vice or press can facilitate assembly. Use a piece of plastic or wood to protect the terminal.</p>	


4 Accessories and spare parts

Tack swivel for Nail terminal including HMPE tack line.

Nail terminal	Corresponding CX/CXr/CXe unit	Tack swivel assy no.
301-305-01	15	546-120-01R
301-306-01	25	546-220-01R
301-307-01	45	546-420-01R



Set of nails

Nail terminal	Kit no.	Qty.	
301-305-01	301-596-01R	6	
301-306-01	301-597-01R	7	
301-307-01	301-598-01R	8	

5 Warranty

Seldén Mast AB guarantees Nail terminal for 2 years. The guarantee covers faults arising from defective design, materials or workmanship.

The guarantee is only valid if the product is assembled, operated and maintained in accordance with this manual and is not subjected to loads in excess of those indicated in the brochure and on the Seldén website.

Complete shipment and warranty conditions are to be found on Seldéns website www.seldenmast.com. See Resources/Partners information/General information/General conditions of sale (595-546-E).

If the system is repaired or modified by anyone other than Seldén Mast AB or one of our authorized dealers, the guarantee ceases to be valid.

Seldén Mast AB reserves the right to alter the content and design without prior notice.

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Our well known brands are Seldén and Furler.

The worldwide success of Furler has enabled us to build a network of over 750 authorised dealers covering the world's marine markets. So wherever you sail, you can be sure of fast access to our service, spare parts and know-how.

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