

## RUDDER MODELS

**product name:**  
**code:**

KS-navigator rudder, pin 42 mm  
530210  
blade length 500 mm  
pin requires separately sold rudder sleeve.



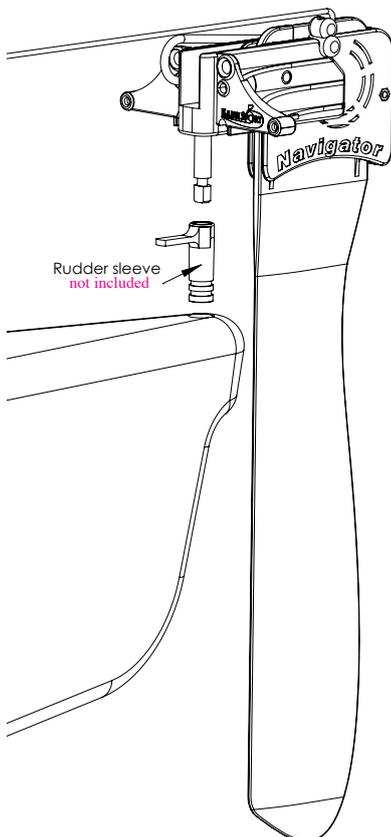
**product name:**  
**code:**

KS-navigator rudder, pin 85 mm  
530250  
blade length 500 mm  
pin can be installed in a through hole in the back of the kayak, no additional rudder sleeve required

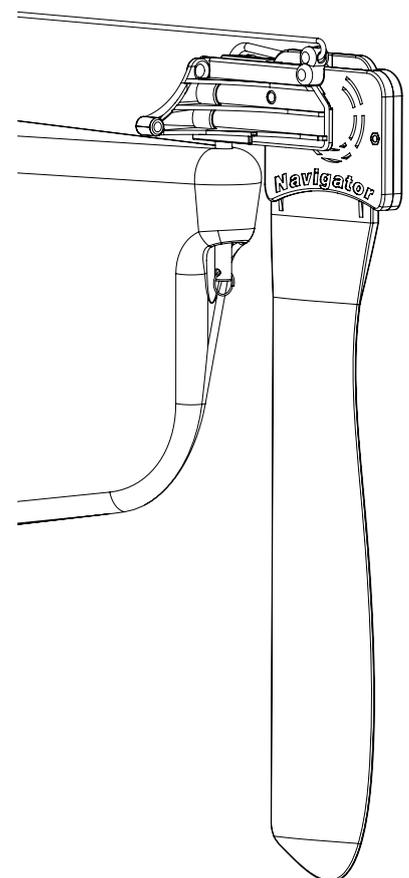


## Assembly methods

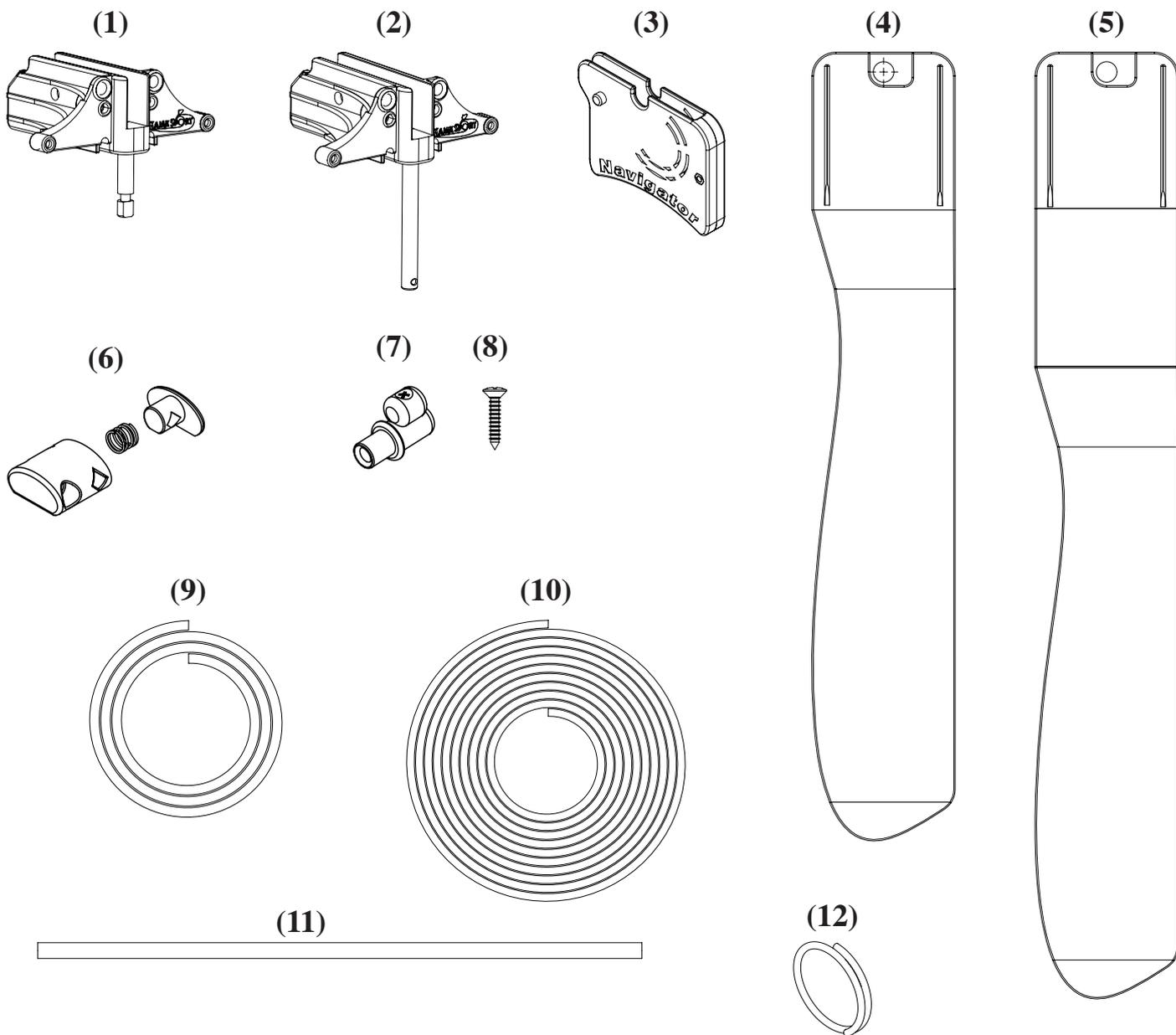
Navigator pin 42 mm



Navigator pin 85 mm



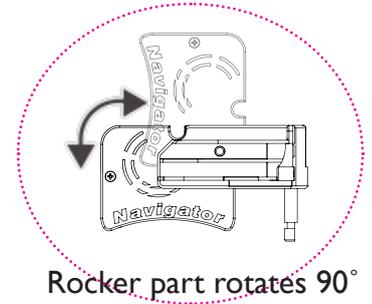
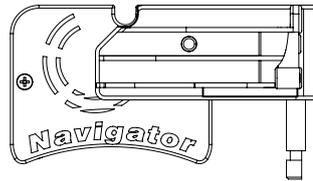
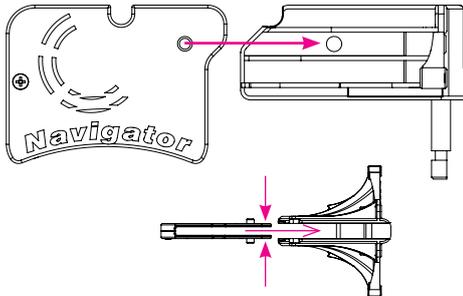
## PART LIST



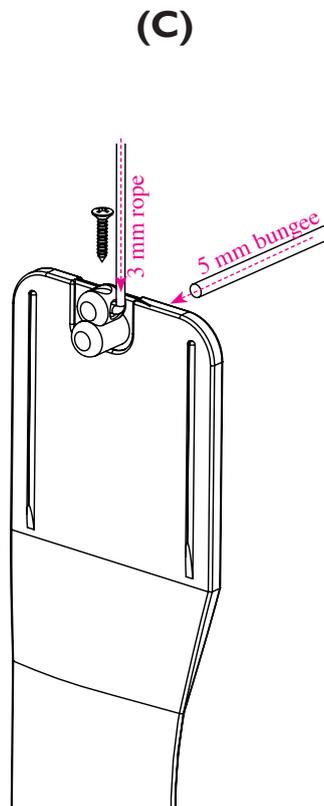
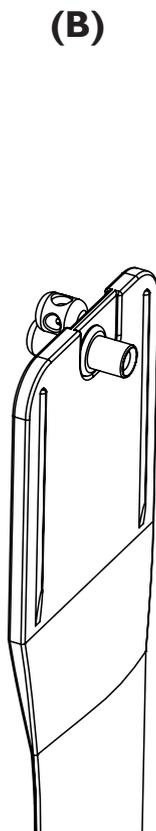
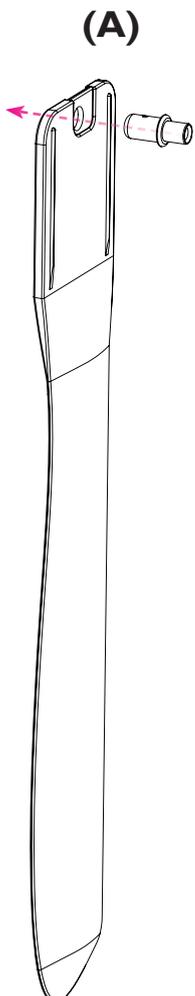
- |     |                                       |                |
|-----|---------------------------------------|----------------|
| 1.  | KS-rudder head, pin 42 mm             | code: 530331   |
| 2.  | KS-rudder head, pin 85 mm             | code: 530335   |
| 3.  | KS-rocker part                        | code: 530341   |
| 4.  | KS-rudder blade, 500 mm               | code: 530311   |
| 5.  | KS-rudder blade, 600 mm               | code: 530321   |
| 6.  | KS-rope stopper with spring           | code: 530351   |
| 7.  | KS-knob for rudder blade              | code: 530352   |
| 8.  | Screw 3,5 mm x 19 mm DIN 7983         |                |
| 9.  | Support rope for rope stopper         | 5 mm x 1500 mm |
| 10. | Lift up rope                          | 3 mm x 3500 mm |
| 11. | Bungee cord 5 mm                      |                |
| 12. | Lock ring (for rudder head pin 85 mm) |                |

## Assembling the KS-navigator rudder

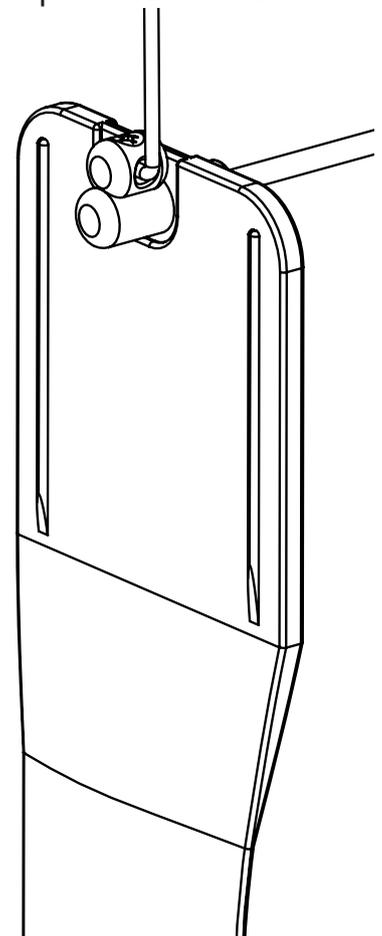
1. Push the rocker part between the wings of the head part.  
Short axels of rocker part will snap into the holes of the head part and stay locked.  
Check the connection by rotating the rocker part 90 degrees (slides smoothly).



2. Complete the rudder blade assembly :
  - A) Insert the blade knop (long) into the rudder blade
  - B) Place the blade knop (short) to top of it
  - C) Push 5 mm bungee cord in to the rudder blade knop (long)  
Push rope 3 mm in to the rudder blade knop (short)  
Fix the connection with screw 3,5 mm x 19 mm



Complete rudder blade assembly!

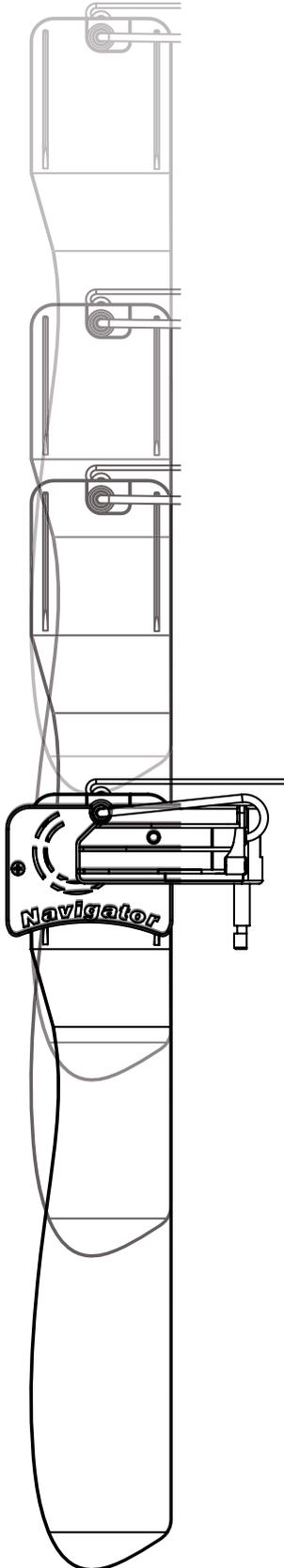


3. Slide the rudder blade inside in to the rudder rocker part.

4. Tie the 5 mm bungee cord free end in to the rudder head part

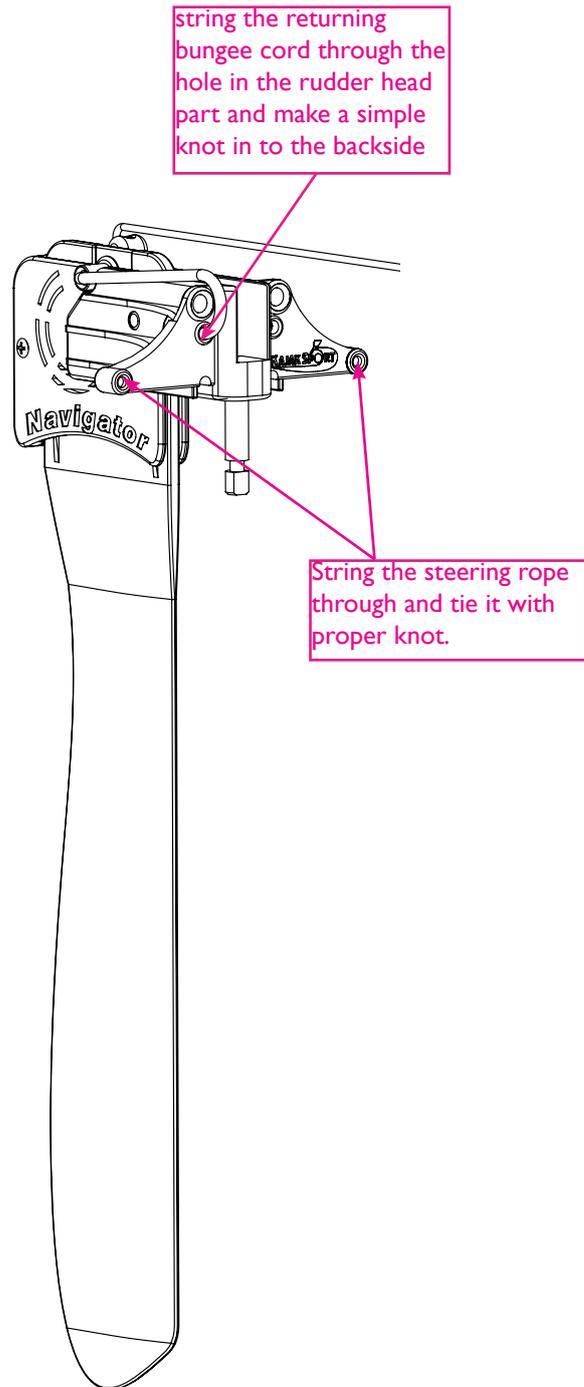
Holes in the end of the wings are for steering rope connection

**(3)**



slide blade inside in to the rocker part

**(4)**

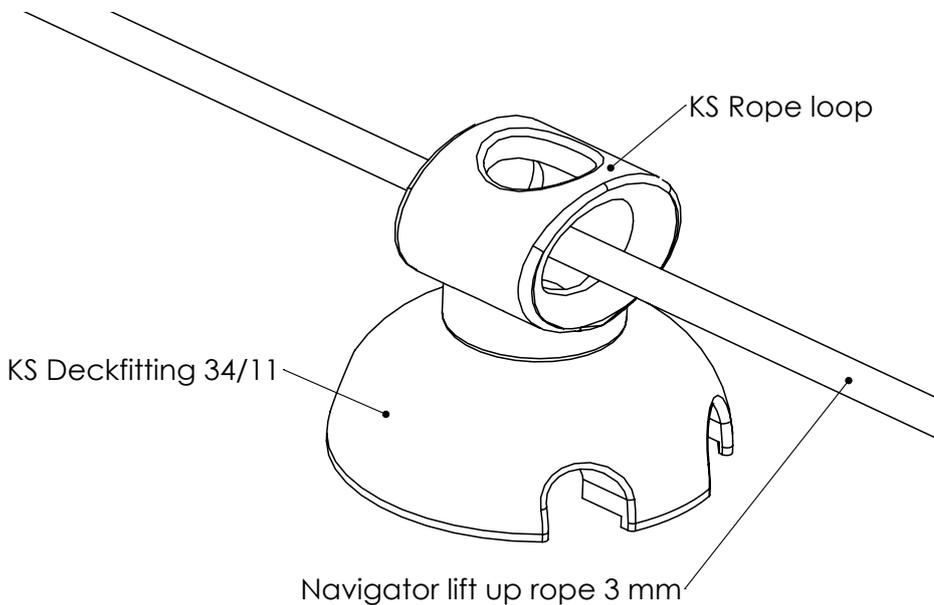
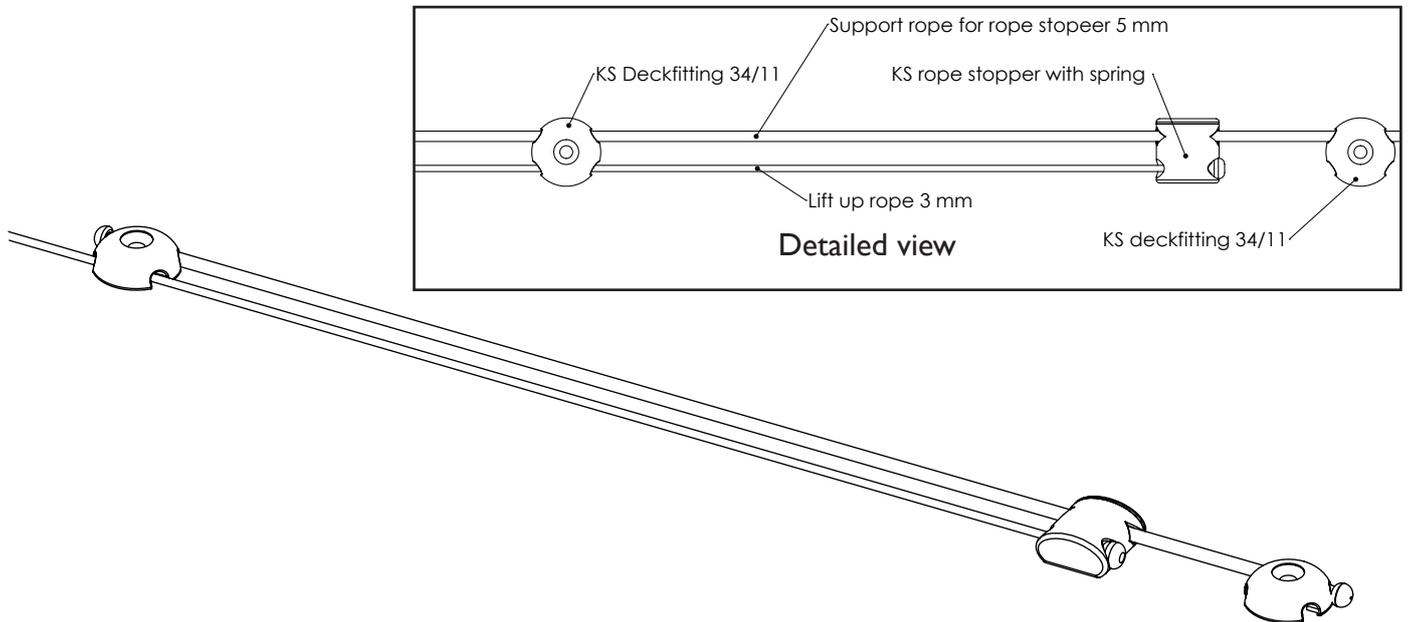
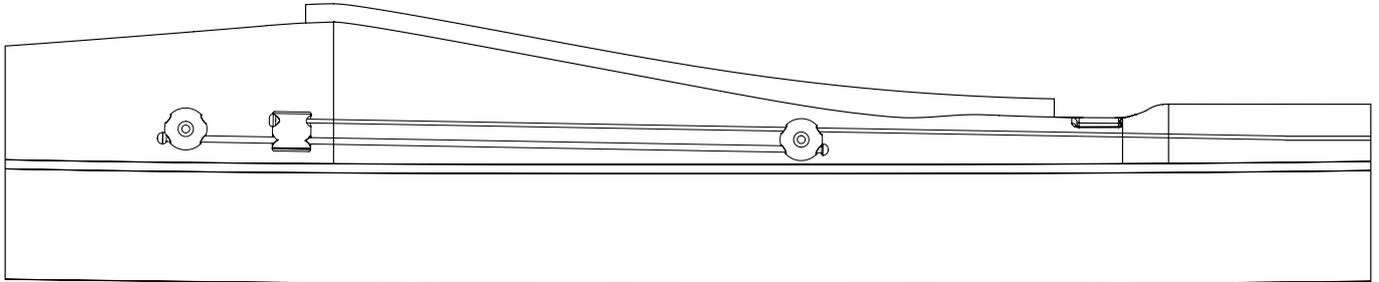


string the returning bungee cord through the hole in the rudder head part and make a simple knot in to the backside

String the steering rope through and tie it with proper knot.

### Lift up rope mechanism

Rope stopper is located close to kayak cockpit area so that it's handy to operate



Navigator lift up rope can be carried nicely on a kayak deck with KS rope loops.  
 KS rope loops allows rope free movementn and can easily be fitted on top of normal deckfitting.