Notice de montage / Bout dehors Sparcraft

1. Composants du kit / Outils nécessaires

Liste composants du kit standard

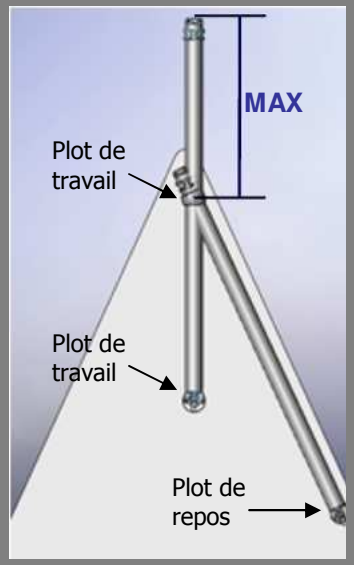
- section équipée d'un collier central + embouts avant & arrière
- 2 plots de travail + 4 vis M8 + contre-plaque

- 1 plot de repos + 1 vis M10 + contre-plaque ronde

Liste des outils nécessaires

- perceuse
- clés allen BTR 5 & 6
- forets Ø8.5 & Ø10.5mm
- fraise à chanfreiner
- cliquet (douilles Ø 10.7 & Ø13mm)
- sillicone

2. Plan d'ensemble (exemple) / Marquage longueur dehors max



Longueur utile maximum :

Ø section bout dehors	Longueur utile maximum
70mm	800mm
80mm	900mm
90mm	950mm
100mm	1000mm

Surface voile maximum

Lg bateau	Ø section bout dehors	Surface max spi asymétrique	Surface max gennaker*
25'-36'	70mm	60m²	37m²*
36'-40'	80mm	82m²	52m²*
40'-47'	90mm	102m²	65m²*
48'-57'	100mm	130/150m²*	105m²*

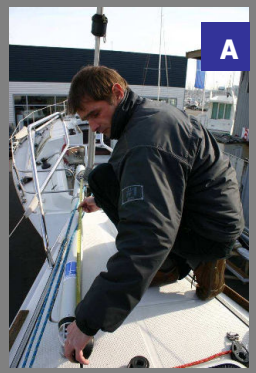
** avec utilisation d'une sous-barbe*

Marquage longueur dehors max (cf tableau ci-contre)

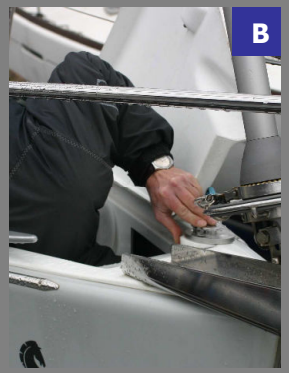
Mesurer

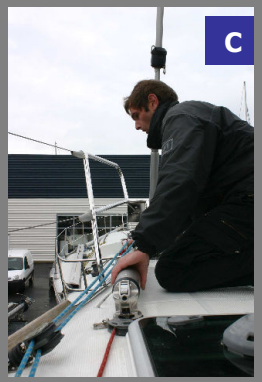
Marquer

3. Repérage sur le pont de l'emplacement du bout dehors et des plots et sous le pont également

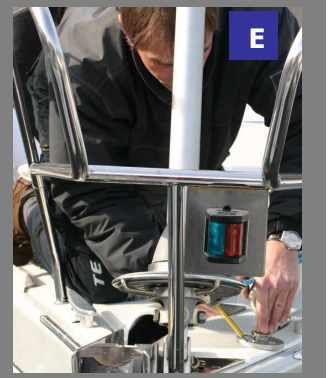


Repérer





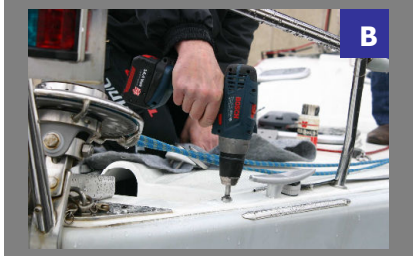
Vérifier emplacement & fixation des plots de travail+repos sur et sous le pont



Marquer

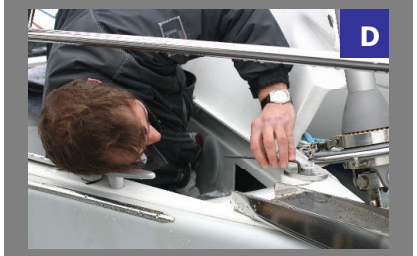
4. Fixation du plot de travail avant

Percer

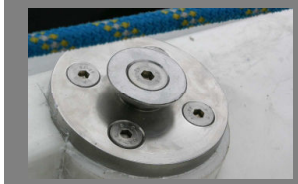


Chanfreiner

Nettoyer & étanchéifier



Visser



Vérifier

5. Fixation du plot de travail arrière (même procédure de montage que le plot de travail avant, cf §3.)

6. Fixation du plot de repos

Percer

Chanfreiner

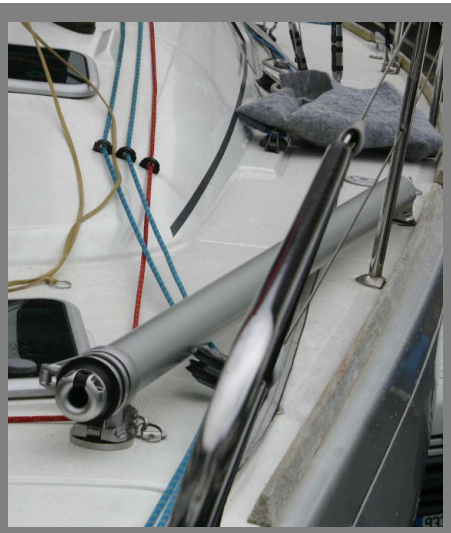
Nettoyer & Etanchéifier

Visser

Vérifier

7. Montage terminé (exemple sur un First 36.7)

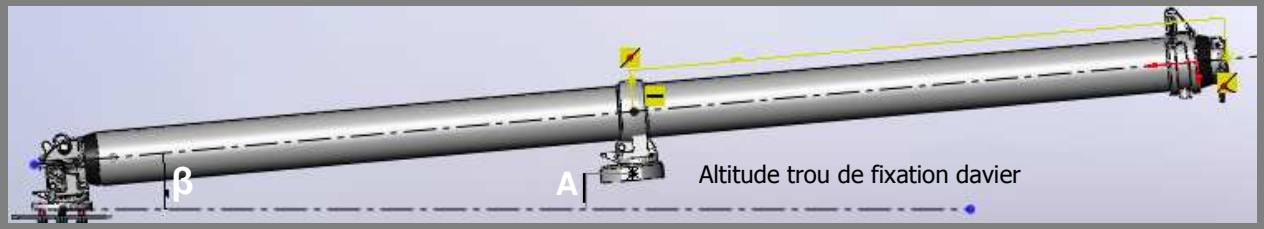
Position travail



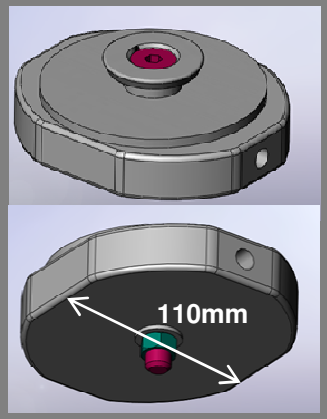
Position repos

Vue de l'intérieure

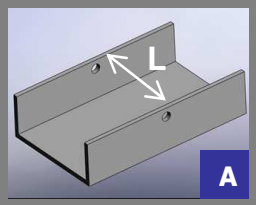
Option adaptation davier



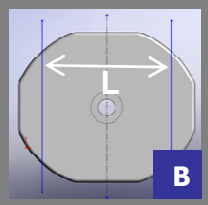
	BDH 70	BDH 80	BDH 90	BDH 100
Longueur utile	800mm	900mm	950mm	1000mm
β = Angle maxi	5°	5°	3.15°	3.15°
A = Altitude trou de fixation davier	38,5mm	53,5mm	28mm	31mm



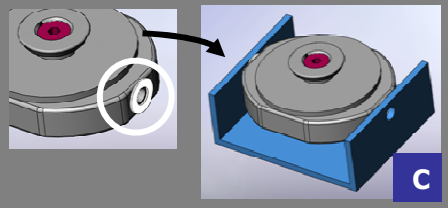
Semelle davier livrée pré-montée



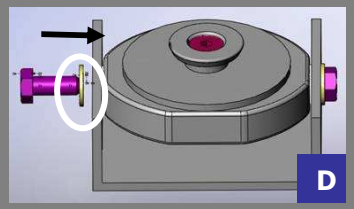
Mesurer



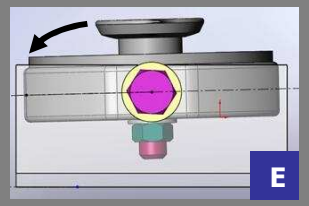
Couper



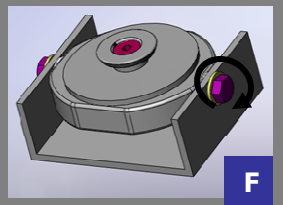
Positionner



Visser



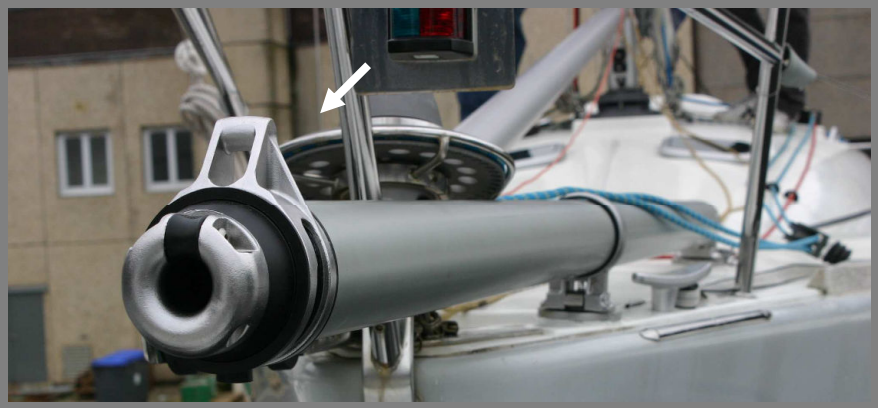
Incliner



Sécuriser

NB : Possibilité de mettre une cale sous le champignon travail arrière pour que la position du trou de fixation davier soit plus haute.

Option bague d'amure / fixation emmagasineur



Accessoire : protection plot

Installation notes / Sparcraft Bowsprit

1. Kit components / Tools needed for assembly

List of standard kit components

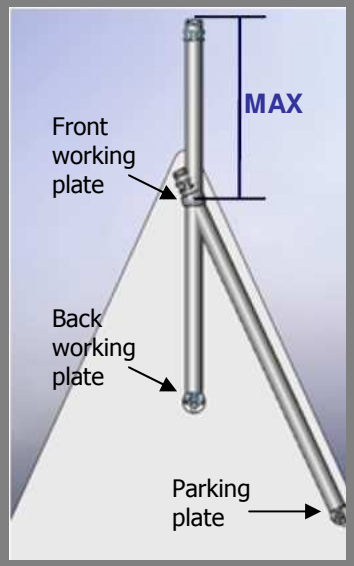
- section with central collar & end fittings
- 2 working deck plates + 4x M8 screws + reinforcing plates

- 1 parking deck plate + 1x M10 screw + round reinforcing plates

List of needed tools for assembly

- drill
- BTR 5 & 6 allen keys
- Ø8.5 & Ø10.5mm drill bits
- chamfer mills
- torque driver (socket drive Ø 10.7 & Ø13mm)
- sillicone

2. Assembly drawing (example) / Marking the maximum outside length



Maximum outside length :

Ø bowsprit section	Longueur utile maximum
70mm	800mm
80mm	900mm
90mm	950mm
100mm	1000mm

Maximum sail area

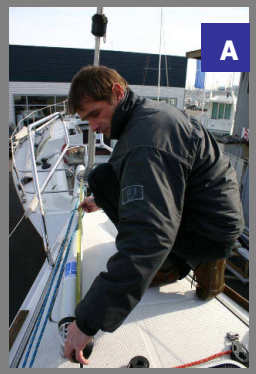
Boat length	Ø bowsprit section	max asymmetric Spinnaker area	Max Gennaker area*
25'-36'	70mm	60m²	37m²*
36'-40'	80mm	82m²	52m²*
40'-47'	90mm	102m²	65m²*
48'-57'	100mm	130/150m²*	105m²*

Marking the maximum outside length (see chart against)

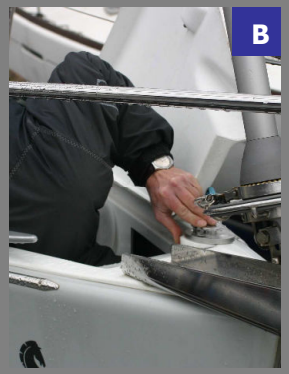
Measure

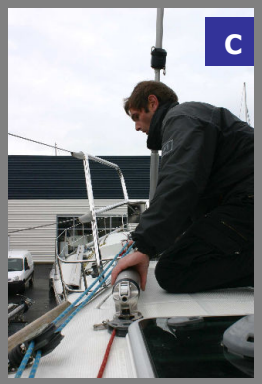
Mark with sellotape

3. Measure on deck and under deck to valid bowsprit position

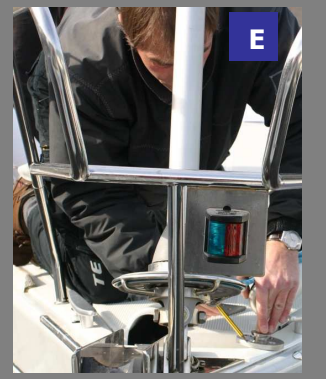


Measure





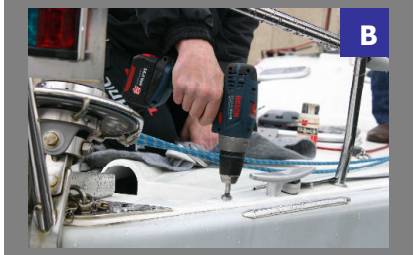
Check position on and under the deck of the working & parking plates



Mark

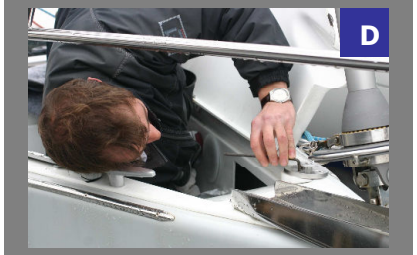
4. Fixing the front working plate

Drill

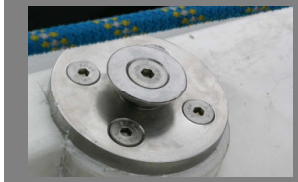


Chamfer

Clean & waterproof



Screw



Check

5. Fixing the back working plate (same instructions as the §3.)

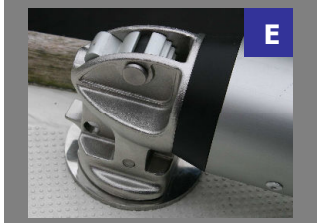
6. Fixing the parking plate

Drill

Chamfer

Clean & waterproof

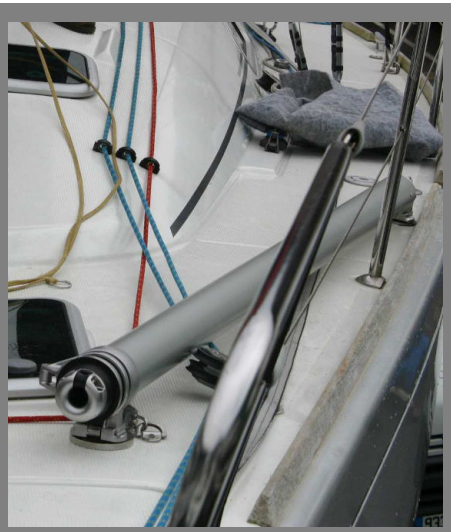
Screw



Check

7. Installation is over (example on boar of an First 36.7)

Working position

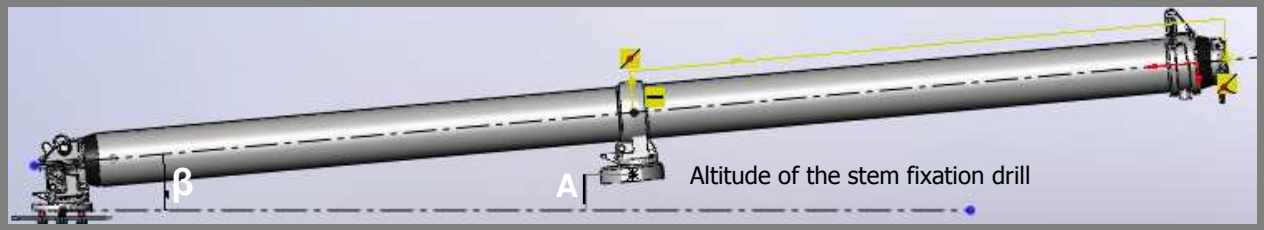


Parking position

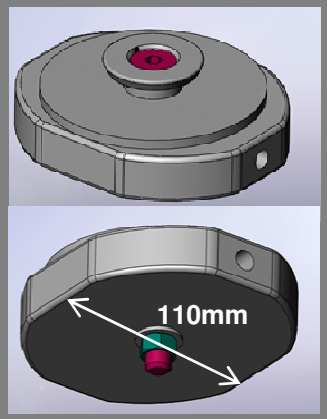
Picture of under deck fitting

8. Options et accessories

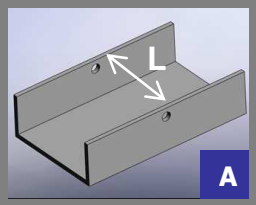
Stem adaptation option



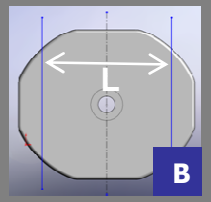
	BDH 70	BDH 80	BDH 90	BDH 100
Outside length	800mm	900mm	950mm	1000mm
β = maximum angle	5°	5°	3.15°	3.15°
A = Altitude of the stem fixation drill	38,5mm	53,5mm	28mm	31mm



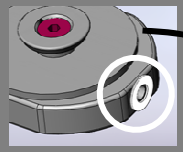
Stem plate delivered pre-fitted

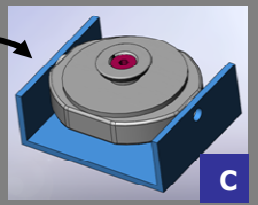


Measure

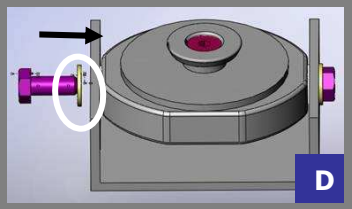


Cut

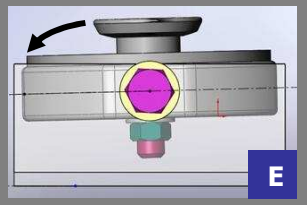




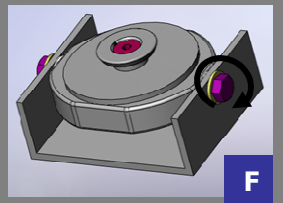
Position



Screw



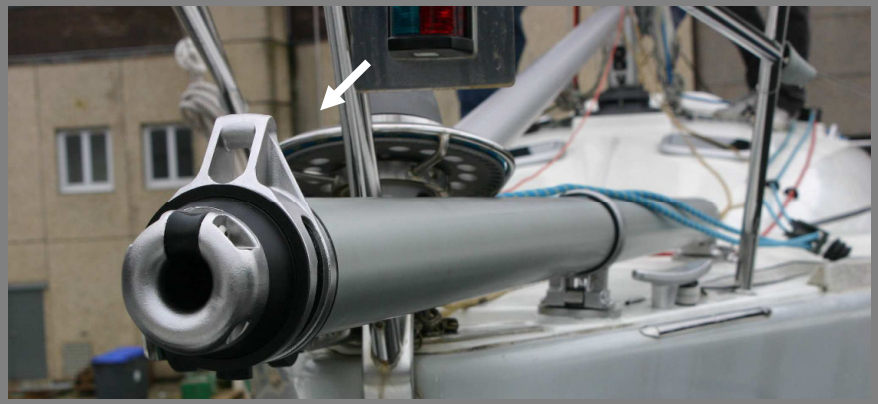
Lean



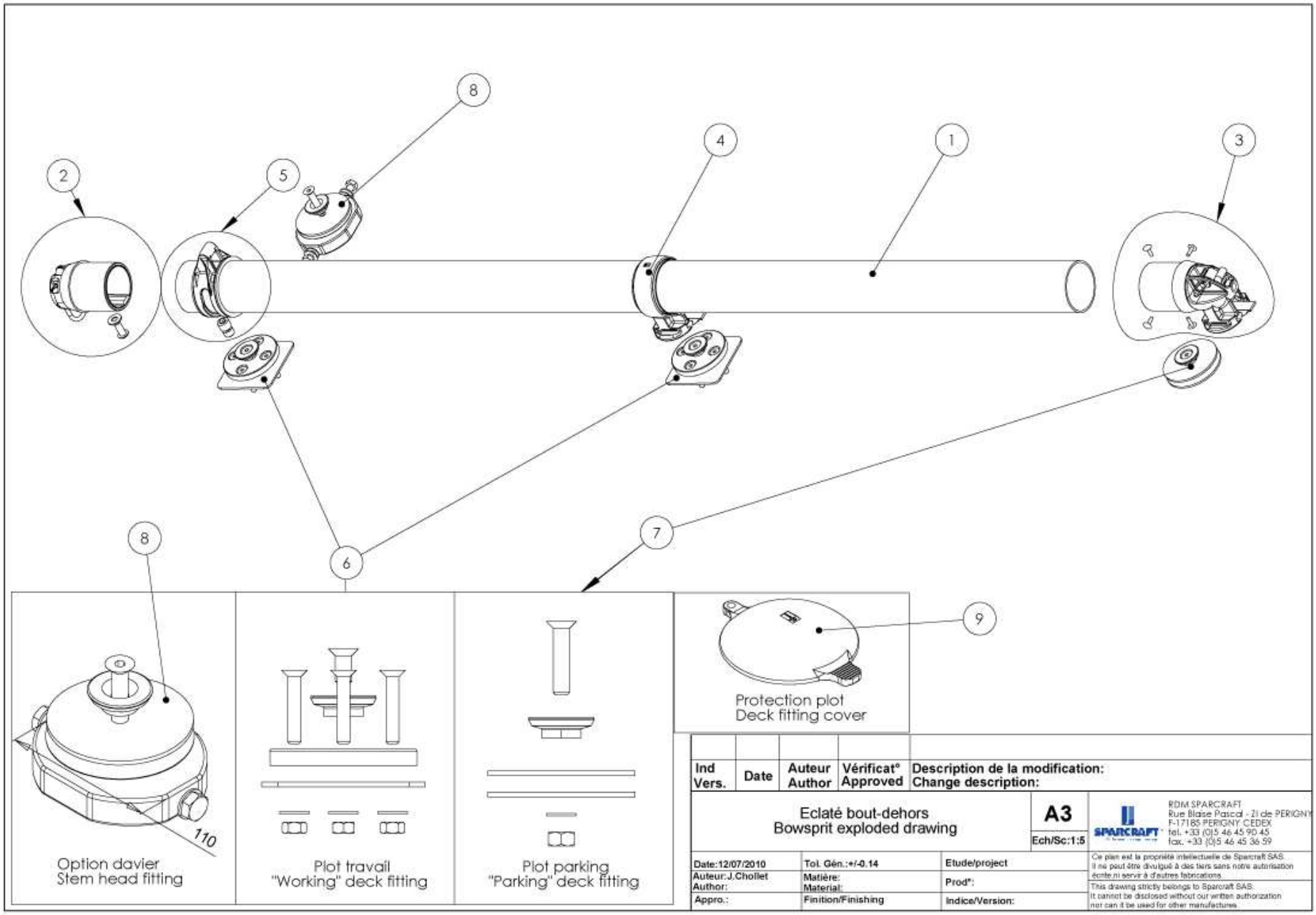
Secure

Nota: It is possible to fit extra plate underneath the back working plate in order to make it higher.

Option for fitting the Gennaker/Code Zero/Asummetric Spinnaker furler



Accessory : plate cover


8
2
5
4
1
3
6
7
8
110
9
Option davier
Stem head fitting
Plot travail
"Working" deck fitting
Plot parking
"Parking" deck fitting
Protection plot
Deck fitting cover
Ind Vers.
Date
Auteur Author
Vérificat° Approved
Description de la modification: Change description:
Eclaté bout-dehors
Bowsprit exploded drawing
A3
Ech/Sc:1:5
RDM SPARCRAFT
Rue Blaise Pascal - ZI de PERIGNY
F-17185 PERIGNY CEDEX
tel. +33 (0)5 46 45 90 45
fax. +33 (0)5 46 45 36 59
Date:12/07/2010
Tol. Gén.:+/-0.14
Etude/project
Auteur:J.Chollet
Author:
Matière:
Material:
Prod°:
Appro.:
Finition/Finishing
Indice/Version:
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SPARCRAFT RIGGING SP.R

PRINCIPE D'ASSEMBLAGE DU KIT SOUS-BARBE DE BOUT DEHORS

facnor FURLING SYSTEMS