

A large sailboat with a carbon fiber sail is shown on the water. The sail is a dark, textured material with a grid pattern. The boat is white with a dark hull. Two people are visible on the deck. The background shows a hilly coastline under a clear sky.

# MILLENIUM 100

Carbon fiber sailboat steering

**EXIT**  
CARBON

BETTER  
YACHTING



MADE IN ITALY

[www.exitcarbon.com](http://www.exitcarbon.com)



## MILLENNIUM 100

# Carbon fiber **sailboat steering**

Exit Carbon wheels are suitable for sailing yachts, racing yachts, catamarans, and trimarans: ideal for anyone looking for a more responsive helm and enhanced comfort while, at the same time, increasing safety.

Exit Engineering was the first company to design and manufacture a wheel built in one piece, with no gluing of separate parts, unlike all other brands.

### TECHNICAL DATA

Overall diameter	1050 mm
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Hub thickness	60 mm
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Rim thickness	35 mm
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Weight	1.52 Kg
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MILLENIUM 100

## Space age technical exclusivity

### Best results in terms of lightness, strength, and consistency.

The exact same wheel we supply to the fastest ocean racers is available for your yacht as well. Our shape seems easy to copy, but our construction is still unmatched.

### European Patent 1755869B1

Exit Engineering was the first company to design and manufacture a wheel built in one piece - unlike those of all other brands at the time - without gluing separate parts.



### The right hub for any axle

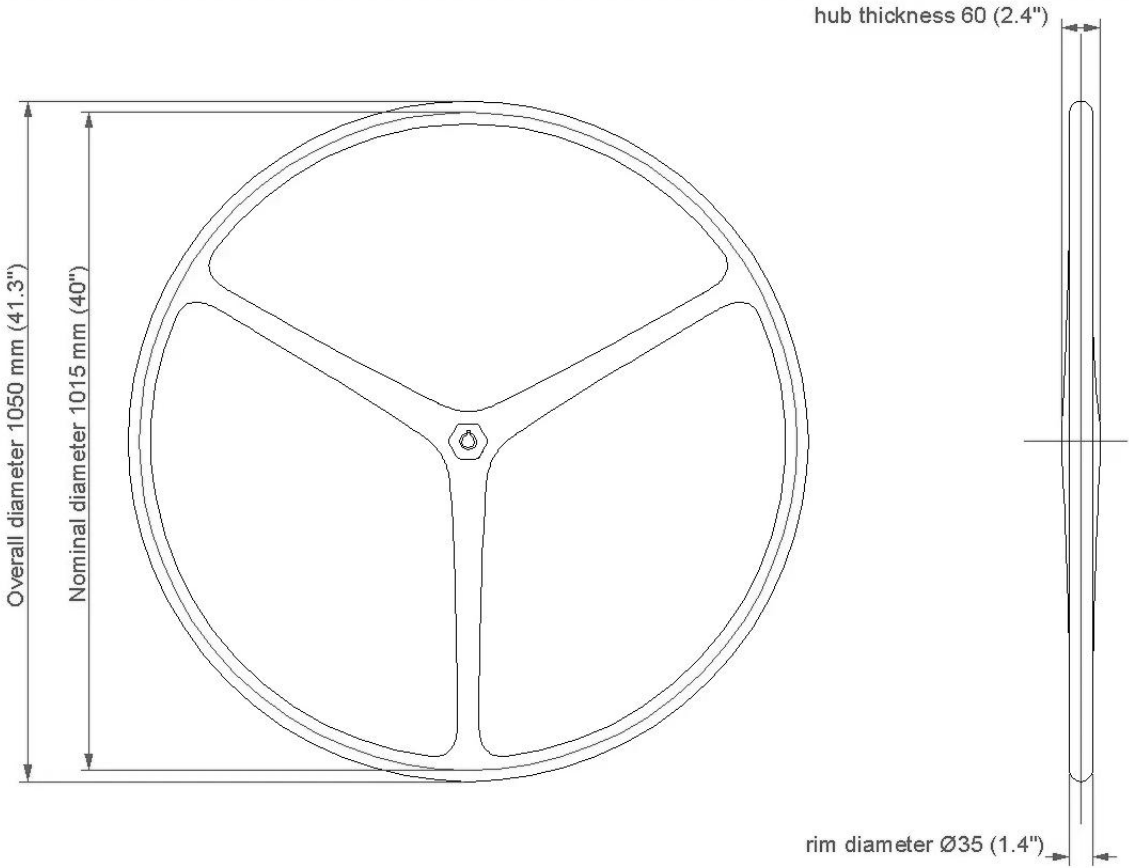
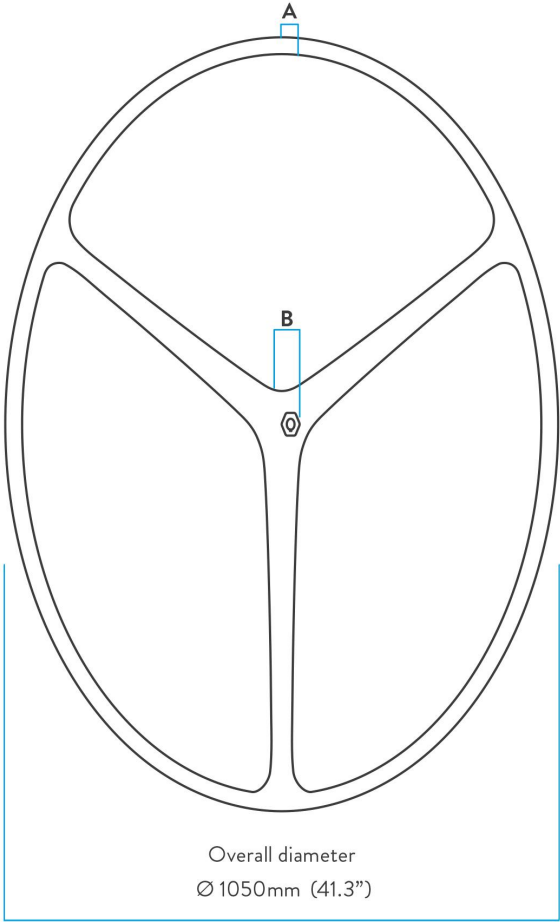
Our four standard hubs are always available and fit most steering wheel axles and we have stainless steel adapters for the 2 most common flange fittings, by Edson and JP3.

*Many other brands of steering systems use the same fittings so check the drawings if in doubt.*



DAME Award Nominated  
for three-spoke design  
and monocoque construction

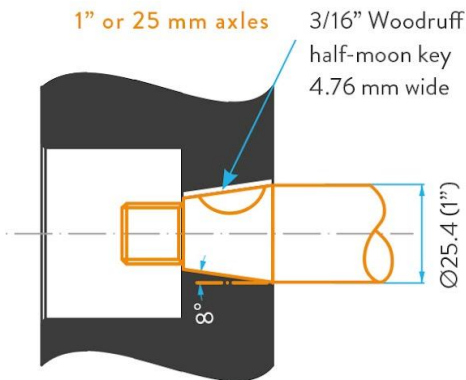




# The most common steering axles

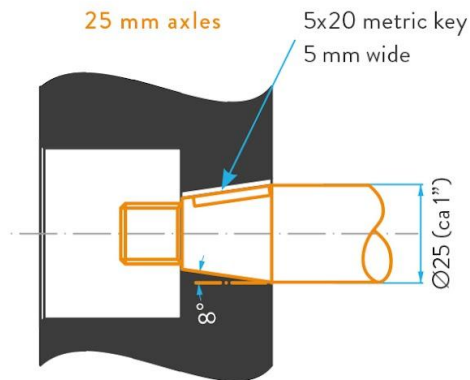
## Tapered with 3/16" (4.76 mm) key

LEWMAR/EDSON/JP3 (TAPERED)  
8° tapered axle, 3/16" Woodruff key



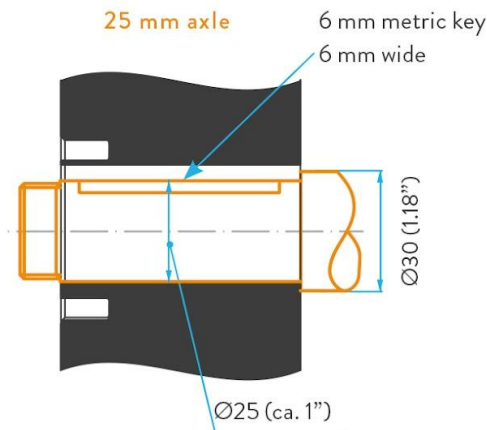
## Tapered with 5 mm key

JEFA/SOLIMAR (TAPERED)  
8° tapered axle, 5 mm metric key



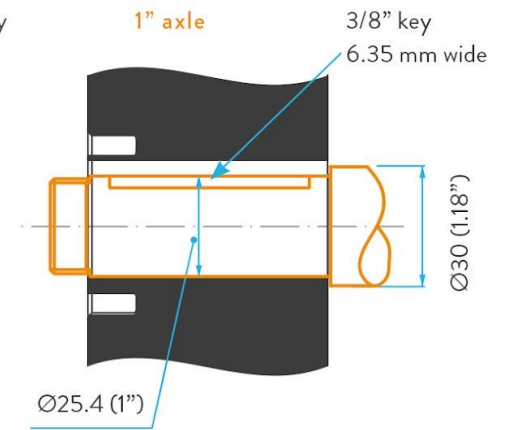
## Cylindrical with 6 mm key

SOLIMAR CYLINDRICAL  
Untapered axle, 6 mm metric key



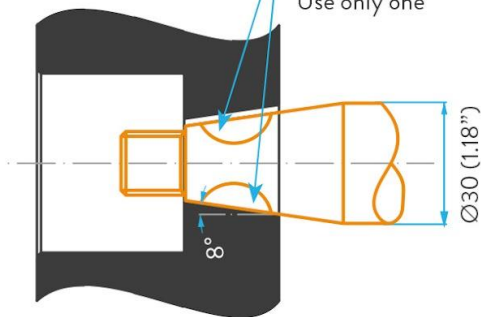
## Cylindrical with 3/8" (6.35 mm) key

EDSON CYLINDRICAL  
1" untapered axle, 3/8" imperial key



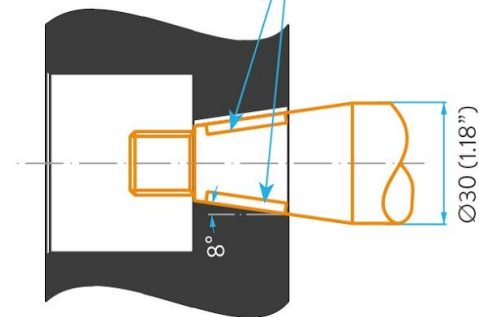
30 mm axles

Double 3/16" Woodruff half-moon key 4.76 mm wide  
Use only one



30 mm axles

Double 5x20 metric key 5 mm wide  
Use only one



## ADDITIONAL HUBS

JP3 ALUMINIUM SHAFT	30 mm dia. shaft, 6° taper angle, 3/16" Woodruff half moon key (4.76 mm wide)
NORTHWIND TAPERED	25 mm dia. shaft, 5° taper angle, 6 mm metric key
TELEFLEX TAPERED	19 mm (3/4") dia. shaft, 2.5° taper angle, 3/16" Woodruff half moon key (4.76 mm wide)
PRIME PROJECTS TAPERED	30 mm dia. shaft, 3.4° taper angle, 8 mm metric key
MCCONAGHYS TAPERED	30 mm dia. shaft, 3.15° taper angle, twin 6 mm metric key
MARSILI 10% TAPERED	25 mm dia. shaft, 10% taper, 8 mm metric key

## Options

### Custom Painting

***Gangways, swim ladders, walking surfaces, wheels, sun awning poles, can be painted in different colors. Please refer to the table to choose your color combination.***

Our standard antiskid surface color is *RAL 7036 Platinum Grey*.



RAL 7015 Slate Grey
AWLGRIP N1101 Whisper Grey
RAL 7036 Platinum Grey
RAL 7044 Silk Grey
AWLGRIP N8102 Oyster White
AWLGRIP G8009 Off White
AWLGRIP G8044 Snow White

RAL 3004 Purple
RAL 8001 Ochre Brown
RAL 1019 Grey Beige
AWLGRIP N6103 Desert Sand
RAL 7032 Pebble Grey
AWLGRIP N5103 Majestic Blue
RAL 5013 Cobalt Blue
AWLGRIP N5100 Aristo Blue
AWLGRIP N5110 Navy Blue
AWLGRIP N5106 Royal Blue

For an unlimited choice of color, please contact us, explaining your needs.

### Sunbrella marine plus cover

Protect your carbon wheels with our exclusive Sunbrella Marine Plus covers. You can choose different colors: Blue, Dune, Grey







## EU-TYPE-EXAMINATION CERTIFICATE

CERTIFICATE NUMBER -07-10-1037-

European Certification Bureau Nederland BV, Notified Body 0614, declares that the product type as described below and specified in Annex I

Product name **EE127.02 (EE114.02) Steering Wheel**  
Product description Carbon fibre 3 spoke 1840 mm overall diameter steering wheel

Manufacturers name **Exit Engineering S.R.L.**  
Manufacturers address Via Industria, 43  
30010 Camponogara, Venice  
Italy

is in compliance with the essential requirements of the European Recreational Craft Directive 2013/53/EU. The product as assessed has been found to comply with the relevant parts of ISO standards and normative documents as listed in Annex I

Certification module **B (EU type-examination)**

Issue date October 19<sup>th</sup> 2007  
Re-issue December 21<sup>st</sup> 2016, due to directive revision

This certificate remains property of ECB Nederland BV and remains valid unless cancelled or revoked, provided the conditions of the certification contract remain complied with and the certified product is not modified.

This certificate consists of 1 page and 1 annex

For ECB Nederland,

Signature   
name H.J. Bloemers, B. Eng  
function Senior Executive

ECB Nederland [www.ecb.nl](http://www.ecb.nl) +31(0)299 323123 [info@ecb.nl](mailto:info@ecb.nl)



## EU-TYPE-EXAMINATION CERTIFICATE

CERTIFICATE NUMBER -07-10-1037-

### Annex I

#### Main particulars of Certified product

Overall diameter: 1840 [mm]

The Certified product has been assessed on basis of the following Documentation as in ECB file: EXP-1581 , and described in final report no. 1

Construction and Design plans, as detailed in Technical Documentation, kept by Applicant

The Certified product is found to comply with the relevant parts of ISO standards and normative documents listed below  
**EN ISO 8847:2004** Steering gear – Cable and pulley systems, clause 5.6 'Steering-wheel'

This certificate consists of 1 page and 1 annex

For ECB Nederland,

Signature   
name H.J. Bloemers, B. Eng  
function Senior Executive

ECB Nederland [www.ecb.nl](http://www.ecb.nl) +31(0)299 323123 [info@ecb.nl](mailto:info@ecb.nl)





## MILLENNIUM 100

### Carbon Fiber Sailboat Steering Wheels

					PRICE		
MODELS	DIAMETER	HUB THICKNESS	RIM THICKNESS	WEIGHT	WHEELS	COVERS	PAINTING
Quantum	Ø 93,5 cm	60 mm	35 mm	1.34 Kg	€2,640	€255	€320
Millennium	Ø 105 cm			1.52 Kg	€2,810	€265	€330
Orion 120	Ø 120 cm			1.75 Kg	€2,400	€290	€345
Nautilus	Ø 164 cm		40 mm	3,18 Kg	€3,630	€550	€375
Arcadia	Ø 172 cm			3.28 Kg	€3,850	€575	€385
Enterprise	Ø 184 cm			3.68 Kg	€4,070	€595	€400

### STANDARD FINISHING

High gloss carbon fiber visible finishing with anti UV coating. Ample choice of beautiful RAL and Awlgrip ® colors, on option. Custom colors +€110. Metallic paint: +€110.

### CONFIGURATION

Hub compatible with any steering shaft. See list below and send drawing for different kinds.

### OPTIONAL WHEEL COVER

Tight fit, made to measure, Sunbrella Marine Plus ® covers. Choice of 3 colors.  
5049 Charcoal grey, 5026 Dune (+€150), 5031 Marine blue (+€150)

### Choices of color

*Slate Grey - Whisper Grey - Platinum Grey - Silk Grey - Oyster White - Off White - Snow White - Purple  
Ochre Brown - Grey Beige - Desert Sand - Pebble Grey - Majestic Blue - Cobalt Blue - Aristo Blue  
Navy Blue - Royal Blue For even more colors, ask a quote.*

## MILLENNIUM 100

### ALWAYS AVAILABLE STEERING HUBS

Hub A	Lewmar / Edson / JP3 tapered (1" or 30 mm dia. shaft, 8° taper angle, 3/16" Woodruff half moon key)	included
Hub B	Jefa / Solimar tapered (25 or 30 mm dia. shaft, 8° taper angle, 5 mm metric key)	included
Hub D	Solimar 25 mm untapered (25 mm dia. shaft, 60 mm long, 6 mm metric key)	included

### ADDITIONAL, MADE TO ORDER STEERING HUBS

Hub E	Edson 1" untapered (1" dia. shaft, 60 mm long, ¼" key)	€255
Hub G	JP3 aluminium shaft (30 mm dia. shaft, 6° taper angle, 3/16" Woodruff half moon key)	€255
Hub H	Teleflex tapered (¾" dia. shaft, 2.5° taper angle, 3/16" Woodruff half moon key)	€255
Hub R	Northwind tapered (25 mm dia. shaft, 5° taper angle, 6 mm metric key)	€255
Hub L	Prime Projects tapered (30 mm dia. shaft, 3.4° taper angle, 8 mm metric key)	€255
Hub I	McConaghys tapered (30 mm dia. shaft, 3.15° taper angle, twin 6 mm metric key)	€255
Hub M	JP3 90 mm flanged hub, 5 screws to hub	€400
Hub N	JP3 90 mm flanged hub, 6 screws to column	€400
Hub O	JP3 Square tapered keyless axle	€275
Hub P	Marsili 10% taper (25 mm dia. shaft, 10% taper, 8 mm metric key)	€255
Hub Q	JP3 30mm dia axle, 8° taper, 6mm metric key	€255

### ADAPTERS FOR FLANGED SHAFTS

AISI316L Stainless Steel adapter for Edson 138 mm dia. flange	€330
AISI316L Stainless Steel adapter for for JP3 90 mm dia. flange	€330
<i>Any other kind of shaft can be made to measure. Provide drawing.</i>	ASK





[www.exitcarbon.com](http://www.exitcarbon.com)

EXIT CARBON IS MANUFACTURED

by **EXIT ENGINEERING**

For more details, please send us an email at [info@exitcarbon.com](mailto:info@exitcarbon.com)

HEADQUARTERS

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