Danaïdes 90

NEOTERIC CAMBER

FIBERGLASS MEDIUM LIGHT

Scan to watch on

IM SEXY AND YOU KNOW IT

"LMFAO"

ogsc
MOUNTAIN
ESSENTIALS

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[SOLID TOURING]

DANAIDES is a MEDIUMLIGHT freeride touring ski that's quick edge-to-edge for powerful, frontside carving and shredding steep backcountry terrain.

FIBERGLASS/POPLAR MEDIUMLIGHT (ML) CONSTRUCTION makes this a fun and responsive freetouring ski.

If you're looking for a ski that is solid and precise in steep couloirs, ready to charge big faces, blasts through crust and mank and is stable in long turns, then DANAIDES is the ski for you.

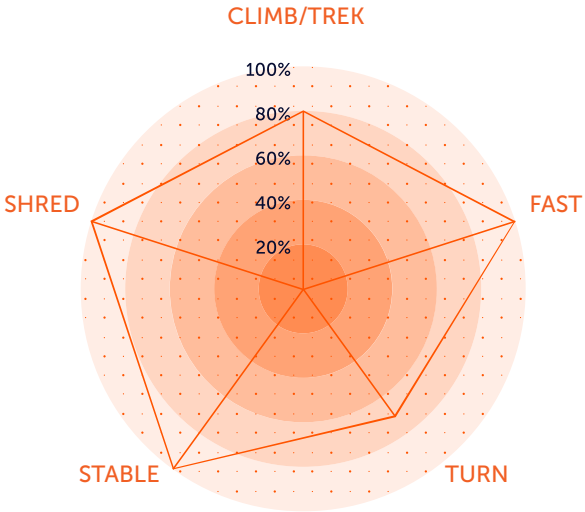
ISOSPORT 7500 base is a pro-quality, racing base with 15% carbon for fast glide and outstanding durability.

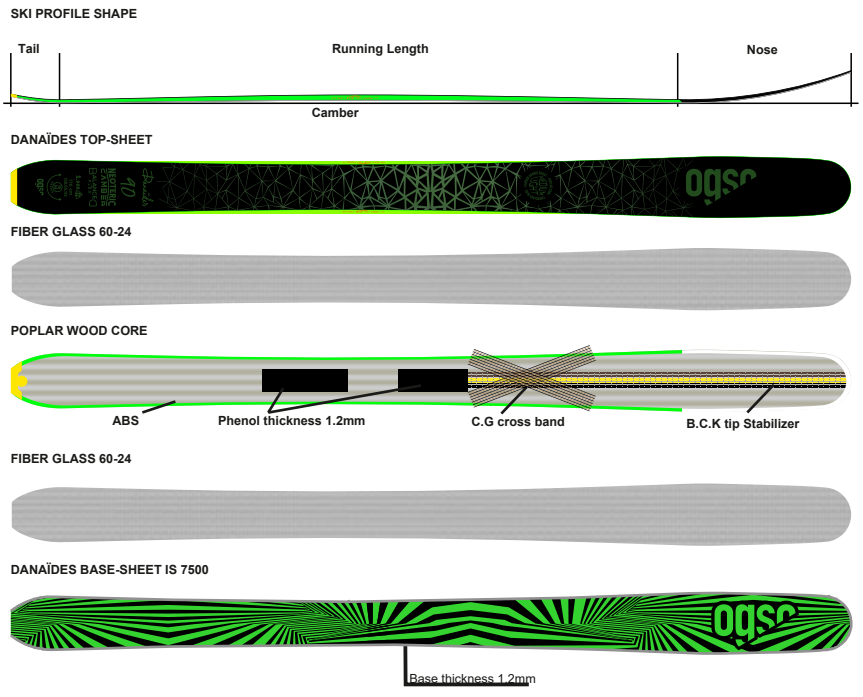
POPLAR CORE · FIBERGLASS BASE · CARBON ARAMID BOOST
MEDIUM LIGHT

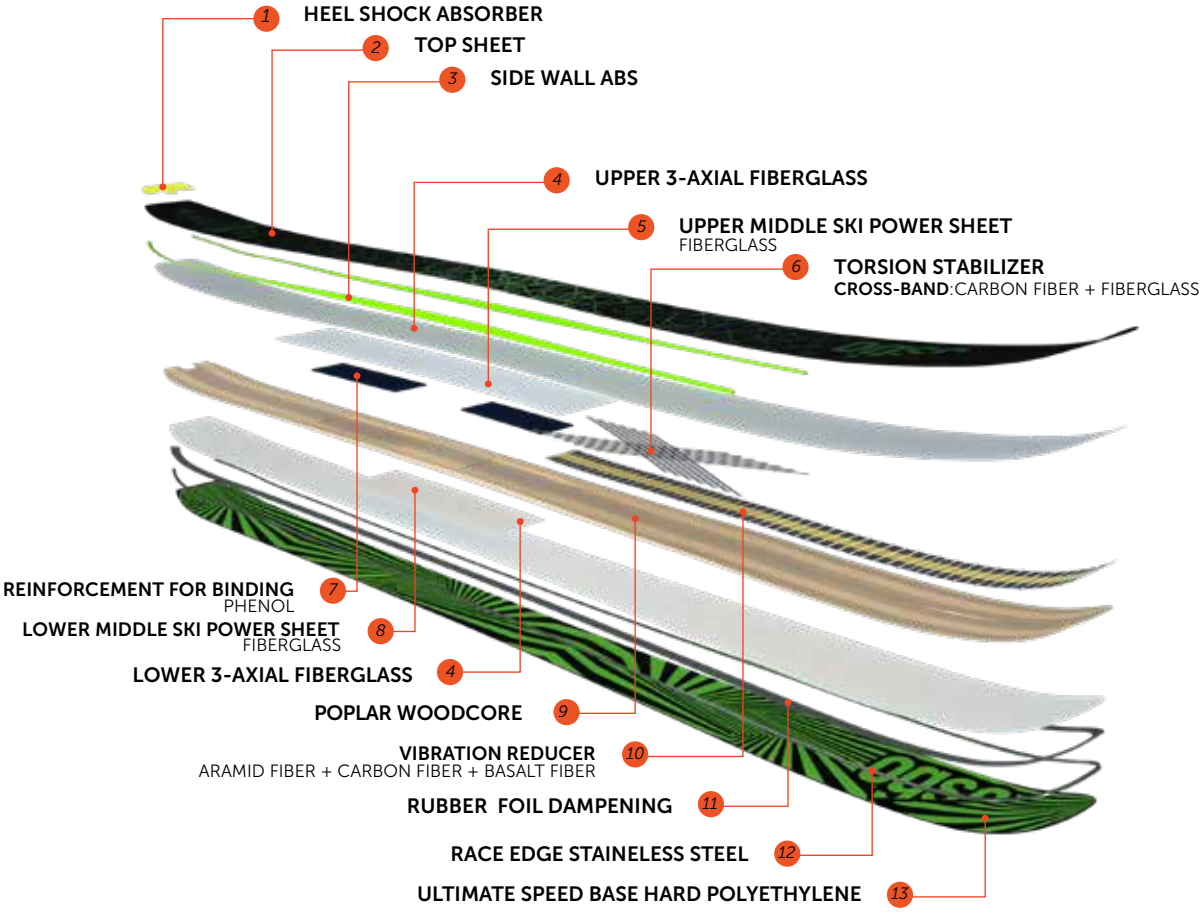
NEOTERIC CAMBER

BALANCE FLEX

SIZE: [160] [168] [176] [184] [192]







Danaides 90 NEOTERIC MEDIUM LIGHT

Commercial Length (cm)	160	168	176	184	192
A: Flat Length (cm)	159,85	168	176,05	184,1	191,65
B: Air Length (cm)	159,4	167,5	175,5	183,5	191
Surface Area (cm^2)	1609	1737	1871	2010	2136
Weight (kg)	1,7	1,8	1,9	2	2,1
Width Measures: Front, Middle,Back (mm)	120,91,107	124,93,110	128,95,113	132,98,116	135,100,118
Radius Average (m)	16	17	18	20	22
Radius Center (m)	14	15	16	18	20
Nose Rise Length (mm)	310	310	310	310	310
Tail Length (mm)	110	110	110	110	110
Front Rocker Length (mm)	NO ROCKER				
Back Rocker Length (mm)					
Running Length (mm)	1180	1260	1340	1420	1500
Camber Height (mm)	5	5	5	5	5
Nose Height (mm)	56	56	56	56	56
Tail Height (mm)	12	12	12	12	12
E: Middle Boot From Tail including tail protection (mm)	695	730	765	800	835

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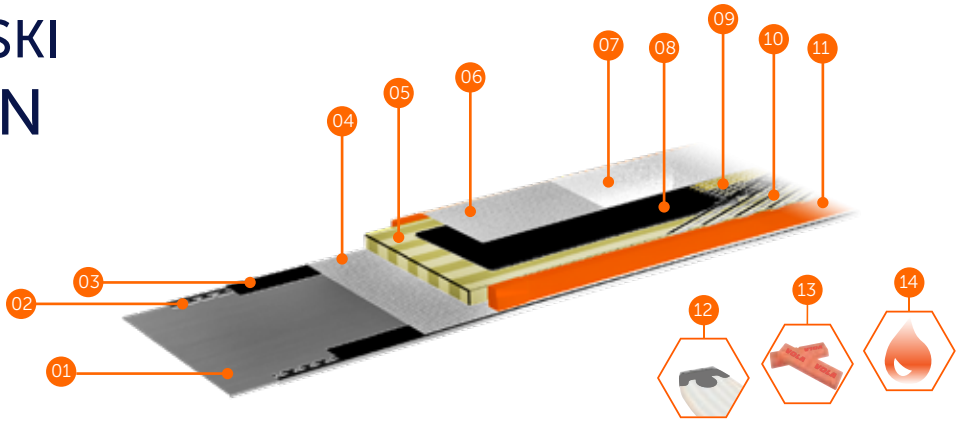
MEDIUM LIGHT SKI
COMPOSITION



01 BASE SHEET IS 7500

www.isosport.com

ISOSPORT

- Transparent.
- Made of premium crosslink polyethylene.
- Good abrasion resistance, very low stress level.
- Modified with wax for better gliding.

02 STAINLESS EDGE

www.waelzholz.com

WAELZHOLZ

The steel racing edge provides smooth flex and minimal friction resistance.
The main characteristics of stainless steel are as follows:
- High durability
- Good ductility
- Optimal gliding behaviour
- Improved adhesion
- High mechanical strength

03 RUBBER

www.haberkorn.ch

HABERKORN
EINFACH BESSER

Thin rubber used between the metal edge and fiberglass layers to minimize shearing-induced delamination.
Equalising temperature-related expansion and differing stress-strain coefficients.
Suitability for use over a wide temperature range.
Vibration damping up to the point of component

04 FIBERGLASS 60-24

06

www.pgtex.cn

PGTEX

E-glass fibre products are particularly resistant to abrasion and vibration and have excellent flexibility.
The glass thread has a higher specific resistance (tensile strength/volumetric mass) than that of steel.
This feature makes it possible to develop glass threads that reinforce high performance composites.
The main characteristics of Fiberglass are as follows:
- Good resistance to abrasion and vibrations
- Rot-resistant
- Excellent dielectric strength
- Excellent dimensional stability

05 POPLAR WOOD CORE

FSC certified forest management.
Poplar wood is tough, with high mechanical strength and strong corrosion resistance; moderate hardness and strength.
Poplar woodcore have several advantages such as:

Very good ratio of weight, flexibility, stability and torsion,
Low weight when compared to other cores
Flexible application possibilities,

FSC

07 TOP SHEET 5275

www.isosport.com

ISOSPORT

The main characteristics of polyamides are :
- Resistance to aging over long periods.
- High mechanical strength and high rigidity.
- Functional tenacity even at low temperatures.
- Excellent dielectric properties.
- Good resistance to abrasion.

08 PHENOL REINFORCEMENT FOR BINDING

www.isosport.com

ISOSPORT

In this material, the high-strength papers are impregnated with phenolic resins and compressed into sheets of durable, durable and reactive material. This material is characterized by its excellent mechanical properties to hold the srews in place.

09 VIBRATION & CRACKING REDUCER

BAND (basalt-fiber+carbon-fiber+aramid fiber)

www.chomarat.com

CHOMARAT

The unidirectional ribbon is composed from a carbon frame that surrounds a large basalt and kevlar fiber core in a continuous weft.

The Carbon frame provides:
- High stiffness
- High tensile strength
- Excellent impact resistance

The Basalt & Kevlar core provides:
- Excellent dielectric insulation
- High modulus of elasticity
- Excellent vibration damping

10 TORSION STABILIZER

CROSS-BAND (carbon fiber+fiberglass)

www.chomarat.com

CHOMARAT

The ribbon is unidirectional carbon fiber with continuous weft. It is a light and open reinforcement.
- Narrow ribbons
- Excellent alignment of fibers
- Less crimped with good mechanical properties at 0°
- Ensures the rigidity and stability of the parts

11 SIDE WALL ABS

www.isosport.com

ISOSPORT

Especially designed for winter sport applications.
Charpy impact strength notched: +23 C°/-25C°
ISO DUR ID1000-147

12 HEEL SHOCK ABSORBER

The material we use is ELASTOLLAN R1000 from BASF.
Glass fibre reinforced thermoplastic Polyester-Poly-urethane-Elastomer with exceptional properties, very
high impact resistance, high modulus with at the same time elasticity, low coefficient of thermal expansion
comparable with steel and aluminium.
- Modulus of elasticity - tensile test : 1000MPa
- Density : 1.36g/cm³
- Hardness : 60 Shore D
- Glass-fiber content : 20%
- Tensile strength : 50MPa
- Impact + notch strength : +23
  -30

Injected by Injection 74

www.polyurethanes.basf.com
www.injection74.com

BASF
INJECTION 74
afag ISO 9001

13 VOLA WAX

www.vola.fr

VOLA

Racing universal wax 500G orange.
Ski wax improves the coefficient of friction performance under varying snow conditions.

Universal 500G designed to match with the varying properties of snow, including crystal type and size, and moisture content of the snow surface, which vary with temperature of the snow.

14 RESIN

www.sicomin.com

Sicomin

Bio Based resin is outcoming from the latest innovations in bio-based chemistry.
Bio Based resin is produced with a high content of carbon from plant origin.
The bio-based Carbon content of our supplier's system is certified by an independent laboratory using Carbon 14 measurements (ASTM D6866 or XP CEN/TS 16640)
This is a significant technological advance on the following points: Clarity, colour, performances and guarantees of industrial tonnages availability.

GreenPoxy

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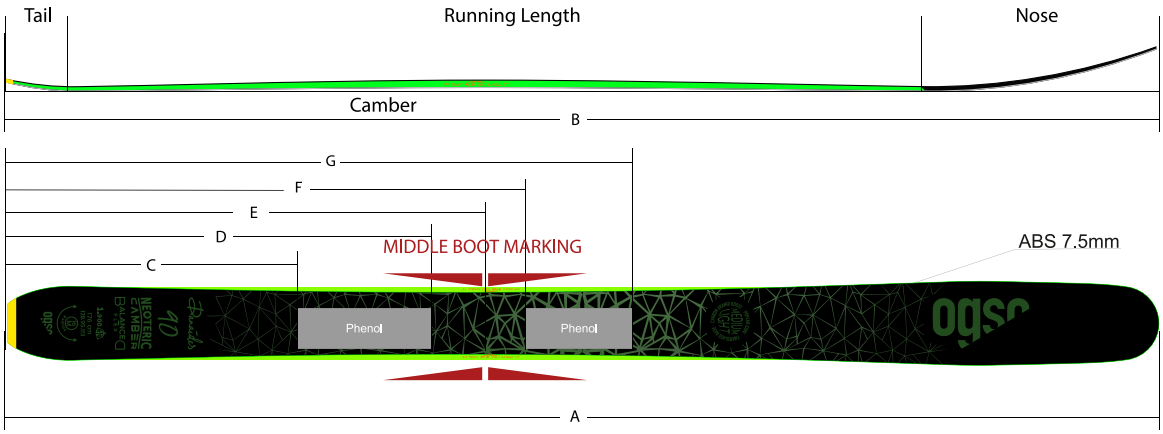
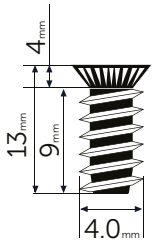
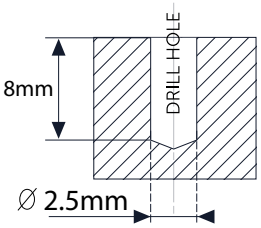
A: Flat Length (cm)	159,85	168	176,05	184,1	191,65
B: Air Length (cm)	159,4	167,5	175,5	183,5	191
C: Start rear phenol	415	450	485	520	555
D: End rear phenol	615	650	685	720	755
E: Middle Boot From Tail including tail protection (mm)	695	730	765	800	835
F: Start front phenol	755	790	825	860	895
G: End front phenol	915	950	985	1020	1055



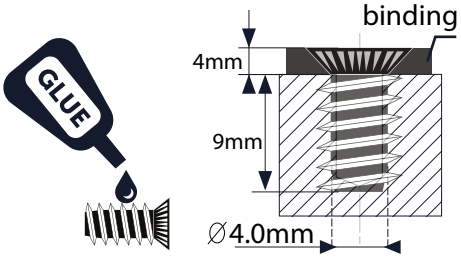
RECOMMENDED SCREW SIZE
MEDIUM LIGHT SERIES



RECOMMENDED DRILL HOLE
MEDIUM LIGHT SERIES

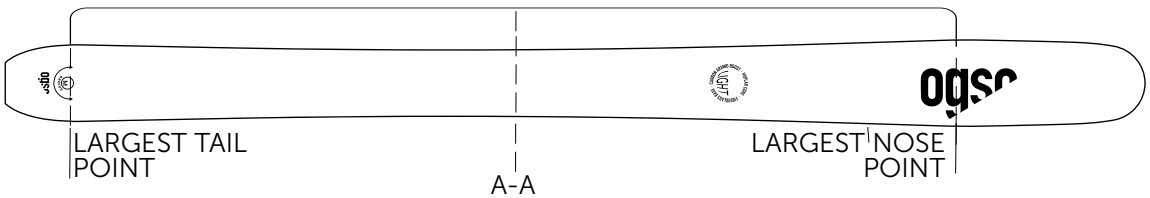


RECOMMENDED SCREWS TIGHTENING



OGSO screw size recommendation is not obligatory. The screws coming with your binding will do the job just as well. Don't forget to apply glue to the screw before placing it in the drill hole. We recommend you choose a drill hole 1.5 mm smaller than the screw you select to ensure a tight fit.

SHARPENED STEEL EDGE AREA



EDGE ANGLE A-A