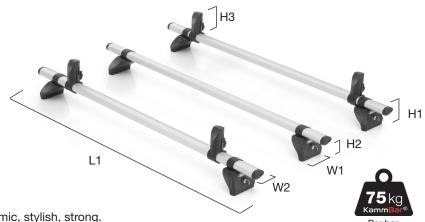
# KammBar® Technical Datasheet





KammBar® - Aerodynamic, stylish, strong.

Rhino's KammBar is Europe's leading commercial vehicle roof bar system. Rated to a carry capacity of 75kg per bar, KammBars increase the storage capability of any van considerably, while their contemporary design also adds to the aesthetics of modern commercial vehicles. The system takes its name from professor Wunibald Kamm who developed the aerodynamic teardrop shape that is seen in the KammBar's aluminium bar profile.

Available in two, three and four bar configurations, KammBars come complete with a fitting kit that includes bespoke pads that tailor the system to the mounting points on your vehicle and two pairs of loads stops as standard.







**Fitting time** 

DIMENSIONS		
Dimensions		Measurements
- Cross tube length	(L1)	1100mm - 1240mm - 1340mm - 1420mm - 1600mm - 1700mm
- Leg width	(W1)	133mm
- Leg width	(W2)	60mm
- Leg height - top leg cowl	(H1)	106mm
- Leg height - bottom bar	(H2)	68mm
- Load stop height	(H3)	102mm

#### **WEIGHT Bar length** Bar Combined weight of two legs **Total weight** - 1100mm 1.53 kg 0.9 kg 2.43 kg - 1240mm 0.9 kg 2.61 kg 1.71 kg - 1340mm 1.84 kg 0.9 kg 2.74 kg - 1420mm 1.95 kg 0.9 kg 2.85 kg - 1600mm 2.18 kg 0.9 kg 3.08 kg - 1700mm 2.31 kg 0.9 kg 3.21 kg

### **FEATURES**













Two pairs of load stops

Easy installation

Lockable leg cowls Theft deterrent

Pre assembled leg cowls

Quick and easy fitting



# KammBar® Technical Datasheet



### **BEACON BRACKET**

This bracket is a beacon support that securely holds single & triple bolt fixing beacons in place. It is compatible with all Rhino AluminiumRacks and KammBar systems increasing the functionality of these versatile van roof storage products.

Beacon Bracket sold separately from KammBars.





### **REAR ROLLER SYSTEM DIMENSIONS**

#### Roller lengths (min/max)

750mm/1208mm

#### Weight (min/max)

2.46kg/3.59kg



Max pay load to 50kg carry capacity per roller

MATERIAL	WHERE USED	ADVANTAGES
Aluminium alloy		
- 6063A T6	<ul><li>Cross tubes</li><li>Support arm roller (option)</li><li>Roller (option)</li></ul>	<ul> <li>Extremely durable, high tensile, yield strength</li> <li>Excellent weight to strength ratio</li> <li>Scratch resistant</li> <li>Great for intricate extrusions with a good surface finish and high corrosion resistance</li> </ul>
Composite		
- 30% Glass filled nylon 6 - Polypropylene (PPCP)	- Crosstube end cap - Leg cowl	
Mild steel		
- Mild steel CR4, powdercoat textured black	- Bar leg - Bar saddle	<ul><li>High strength</li><li>Corrosion protected</li><li>1000h salt spray tested</li></ul>
Stainless steel		
- Stainless steel 304	- Tube for roller (option)	

## Fixings

- Multi-grip pop rivets (main connection method)
- Bolts & (self locking) nuts size M8, combination of stainless and galvanised steel

#### Tools required for installation 🗡

- 10mm and 13mm spanner required, allen key (included)





