

Keel Rollers

Innovative hull support rollers
for all applications



Jakaar Industries offers three styles of keel rollers in three different material options catering to all hull materials and designs.

They fulfill different functions in the support and guidance of trailer boats during launch, retrieval and storage:

- Curved keel rollers are ideal for applications on trailers for fibre glass or GPR boats with a round hull design.
- Cotton Rollers are renowned for their load bearing ability, specifically on boats with ski planks or flat hull designs.
- Tapered keel rollers are particularly useful to help centralizing the keel of a boat in the middle of a trailer during the retrieval process.

Keel Rollers



Our innovative keel roller range has been designed to suit all boat hull types by using different materials.

Using thermal bonding our keel rollers achieve a 100% reduction of possible voids guaranteeing consistent quality and enabling an inherently stronger product.

This unique two step manufacturing process provides you with the flexibility to select an over-moulding material to suit your needs, whereas the inner cores are made from polypropylene and ABS for ease of rolling.

All materials are UV stabilised to protect the plastic from degrading in sunlight and harsh environmental conditions.

Product	Roller Diameter mm/inch	Roller Length mm/inch	Bore Diameter mm/inch	Colour	Material
Tapered Keel Roller	70	150/6"	17.5 / 0.7"	Black Blue Grey	Polypropylene TPR-Rubber
	2.8"	200/8"	21.5 / 0.9"		

Product	Roller Diameter mm/inch	Roller Length mm/inch	Bore Diameter mm/inch	Colour	Material
Curved Keel Roller	70 2.8"	200/8"	21.5 / 0.9"	Black Grey	Polyurethane TPR-Rubber

Product	Roller Diameter mm/inch	Roller Length mm/inch	Bore Diameter mm/inch	Colour	Material
Cotton Keel Roller	70	115/4.5"	17.5 / 0.7"	Black Blue Grey White	Polypropylene TPR-Rubber
	2.8"	150/6" 200/8"	21.5 / 0.9"		

For exact information on the availability of sizes and colour options please refer to our product list or contact the Jakaar team.

Recommended materials to suit your application:

MATERIAL	RECOMMENDED APPLICATION
POLYPROPYLENE - hard	Small to large aluminum boats
TPR - RUBBER - soft	Wooden or fibreglass boats (GRP)
POLYURETHANE - heavy duty	Large fibreglass (GRP) boats



About Jakaar Industries

Jakaar Industries is one of the leading manufacturers of marine trailer accessories in New Zealand and Australia.

With a manufacturing base in New Zealand and over 30 years of experience in injection moulded plastic components we are able to provide consistent high quality marine products.

Our customers value us for our commitment in building strong and mutually beneficial relationships and our drive to extend our range with innovative trailer accessory designs.



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Check out our full Jakaar Marine Trailer Roller range and our other plastic products and services at www.jakaar.co.nz

Jakaar  **Marine**
Re:Inventing Plastics

Marine Product List

Keel Rollers

Keel Roller Types

Curved Keel Roller

Tapered Keel Roller

Cotton Keel Roller




Jakaar keel rollers with a bore diameter of 17.5mm (0.7") are designed to run on a 16mm (0.6") shaft, rollers with a diameter of 21.5mm (0.9") on a 20mm (0.8") shaft.

Curved Rollers with 70mm (2.8") roller diameter

	Product Code	Product Description	Colour	Material	Hardness	Bore Diameter mm/inch	Roller length mm/inch
	3763GY0200	Roller Curved Soft 21.5 GY 200	Grey	TPR-Rubber	Soft	21.5 mm 0.9"	200 mm 7.9"

Tapered Rollers with 70mm (2.8") roller diameter

	Product Code	Product Description	Colour	Material	Hardness	Bore Diameter mm/inch	Roller length mm/inch
	3895BU0150	Roller Taper HD 17.5 BU 150	Blue	Polypropylene	Hard	17.5mm 0.7"	150mm 5.9"
	3458BU0200	Roller Taper HD 21.5 Blue 200				21.5 mm 0.9"	200 mm 7.9"
	3458BL0200	Roller Taper HD 21.5 Black 200	Black				


Cotton Roller Types




Roller Cotton with length of 115mm (4.5")

	Product Code	Product Description	Colour	Material	Hardness	Bore Diameter mm/inch	Roller Diameter mm/inch
	3457BU0115	Roller Cotton HD 17.5 Blue 115mm	Blue	Polypropylene	Hard	17.5mm 0.7"	70mm 2.8"
	3457WH0115	Roller Cotton HD 17.5 White 115mm	White				
	3459GY0115	Roller Cotton ST 17.5 Grey 115mm	Grey	TPR-Rubber	Soft	17.5mm 0.7"	70mm 2.8"

Roller Cotton with length of 150mm (5.9")


	Product Code	Product Description	Colour	Material	Hardness	Bore Diameter mm/inch	Roller Diameter mm/inch
	3457BU0150	Roller Cotton HD 17.5 Blue 150mm	Blue	Polypropylene	Hard	17.5mm 0.7"	70mm 2.8"

Roller Cotton with length of 200mm (7.9")

	Product Code	Product Description	Colour	Material	Hardness	Bore Diameter mm/inch	Roller Diameter mm/inch
	3457BU0200	Roller Cotton HD 21.5 Blue 200mm	Blue	Polypropylene	Hard	21.5 mm 0.9"	70mm 2.8"
	3902BU0200	Roller Cotton HD 17.5 Blue 200mm				17.5mm 0.7"	
	3459GY0200	Roller Cotton ST 21.5 Grey 200mm	Grey	TPR-Rubber	Soft	21.5 mm 0.9"	70mm 2.8"
	3901GY0200	Roller cotton ST 17.5 Grey 200mm	Grey			17.5mm 0.7"	

Tube

Tube

Tube used to reduce bore diameter of keel rollers from 21.5mm to 17.5mm					
	Product Code	Product Description	Colour	Bore Diameter mm/inch	Width mm/inch
	3963BL0198	Tube 17.5*21*198mm Black	Black	17.5mm / 0.7"	198mm / 7.9"