

# 48mm Rotacasters

## Product Catalogue



Australia Wide Sales & Service

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**MATERIALS**  
**Handling** PTY LTD Working with ease™

## WHEELS AND ROLLER TYPES



**65A**  
Capacity  
18 kg

Polyurethane Roller  
on Acetal bushing



**90A**  
Capacity  
30 kg

Polyurethane Roller  
on Acetal bushing






**Solid**  
Capacity  
40 kg

TCP Roller  
(No bushing)

## BORES AND BUSHES

BORES			
 keyed $\varnothing$ 12.7	R2-0484-6501	R2-0484-9001	R2-0484-9901
 Plain $\varnothing$ 12	R2-0484-6512	R2-0484-9012	R2-0484-9912
 Hex $\varnothing$ 11.1	R2-0484-6561	R2-0484-9061	R2-0484-9961

ACETAL FLANGED BUSHING	$\varnothing$ 6	$\varnothing$ 6.35	$\varnothing$ 8
	13-9605-613F	3-9605-0713F	13-9605-0813F

ASSEMBLED WHEELS (with acetal bushing)			
 $\varnothing$ 6	R2-0484-65/D06	R2-0484-90/D06	R2-0484-99/D06
 $\varnothing$ 6.35	R2-0484-65/D07	R2-0484-90/D07	R2-0484-99/D07
 $\varnothing$ 8	R2-0484-65/D08	R2-0484-90/D08	R2-0484-99/D08

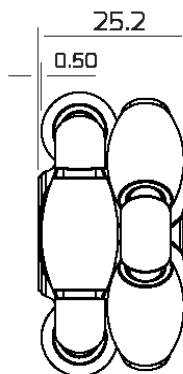
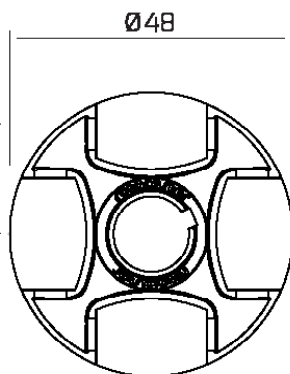
**Load Capacity Notes:** Load Capacity is expressed as both lateral "T" and static. The lateral load capacity is the load at which roller compression/deflection can result in radial head contact with the running surface, impeding direct lateral (sideways) movement or in the case of abrasive surfaces (such as concrete) cause possible wear to the radial head, reducing the life of the product. The static load capacity is that which the wheel can individually support in a stationary state.

## WHEEL DIMENSIONS (in mm)

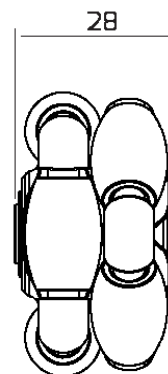
1.0mm maximum nominal radial head clearance

$\varnothing$ 13mm Roller

Weight: 38gm



Double wheel



Double wheel with bushing

## Conversion

Metric	Imperial
3.2mm	1/8"
6.35mm	1/4"
8.00mm	5/16"
11.1mm	7/16"
12.7mm	1/2"
15.88mm	5/8"
25.4mm	1"

Rotacaster Wheels products are patented.

## WHEELS & MOUNTS

### MOUNTING OPTIONS for 48mm Rotacaster Wheels

Rotacaster wheels can be used in various mounting and cup options to suit diverse needs. Offering a wide range of standard applications, also customised solutions are available.

#### FORKS & MOUNTS



48mm Rotacaster in steel fork



48mm Rotacaster in stair climbing application



48mm Rotacaster in furniture mount

#### CUPS



Inverted cups provide a full polymer alternative to ball transfer units.



Inverted cup with 48mm Rotacaster



48mm Rotacaster in cup applicable as a floor wheel application



65A



90A



Solid

### STEEL FORK (including wheel)



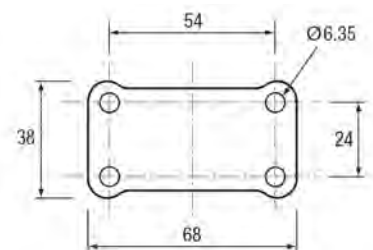
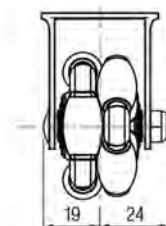
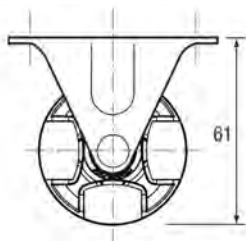
Protrusion 'A'

R2-0484-65/MF

R2-0484-90/MF

R2-0484-99/MF

Material: Zinc plated  
Weight: 113g



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65A






90A



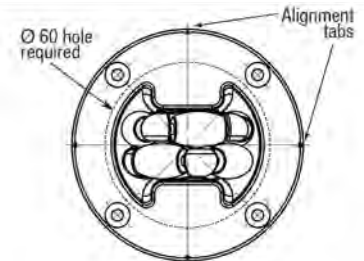
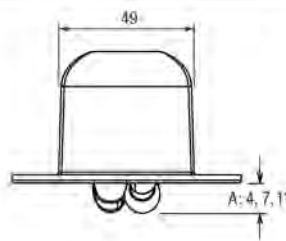
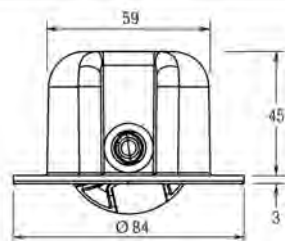
Solid

## CUPS (including Wheel)




 4 mm clearance	R2-0484-65/MC04	R2-0484-90/MC04	R2-0484-99/MC04
 7 mm clearance	R2-0484-65/MC07	R2-0484-90/MC07	R2-0484-99/MC07
 11 mm clearance	R2-0484-65/MC11	R2-0484-90/MC11	R2-0484-99/MC11

Material: Full polymer

Weight: 86gm



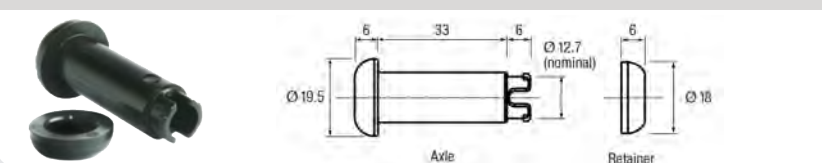
## CUPS (only)

 4 mm clearance pre-drilled hole	MC4-R2-0484
 7 mm clearance pre-drilled hole	MC7-R2-0484
 11 mm clearance pre-drilled hole	MC11-R2-0484

## CUPS (FOR NORMAL OR INVERTED USE)



## ACETAL AXLE AND RETAINER



Ø12.7 Axle

Retainer Cap





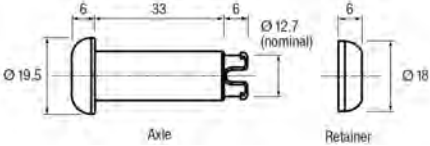
13-2002-13

13-2003-13

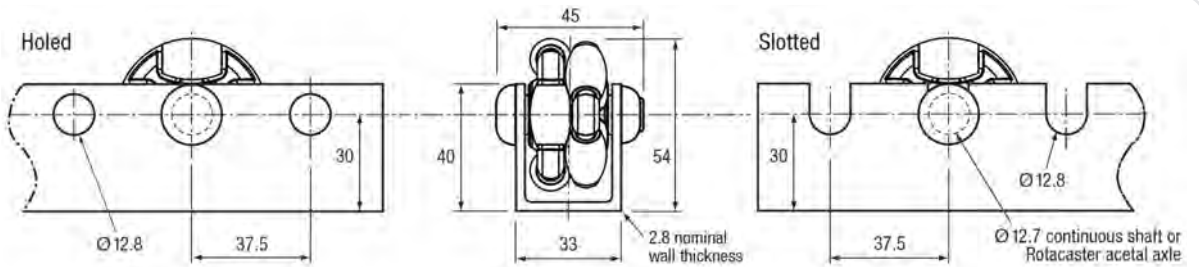
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## CHANNELS



ALUMINIUM CHANNEL	SHAFT Ø12.7	ACETAL AXLE AND RETAINER CAP
		
13-3008-13-H	14-9702-13	Ø12.7 Axle 13-2002-13
		
13-3008-13-S		Retainer Cap 13-2003-13

Material: Aluminium  
 Length 3.195m  
 Weight:  
 Holed 0.74kg/m  
 Slotted 0.72kg/m



### BUSHINGS / SPACERS

OD Ø15.88



Length (mm)	ID Ø12.7
25.2	13-9602-1316-025
50.4	13-9602-1316-050
75.6	13-9602-1316-075



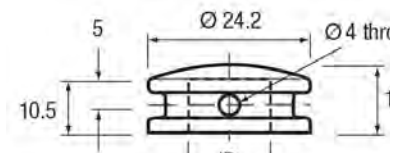
### AXLE CAPS

Ø12

Ø12,7

13-2022-13

13-2003-13



All Rotacaster channel application can be adjusted to suit particular needs and purposes.

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