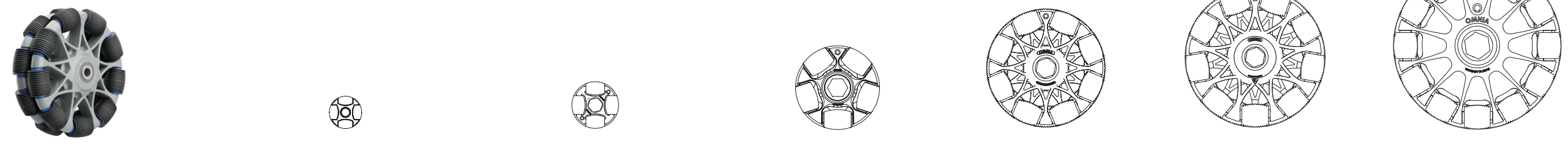


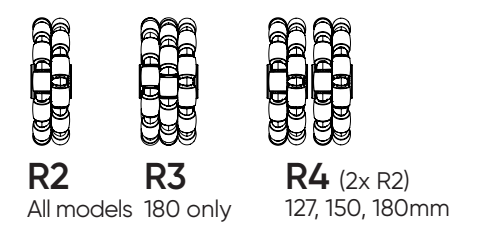
Omni Wheel Product Map



Our Range

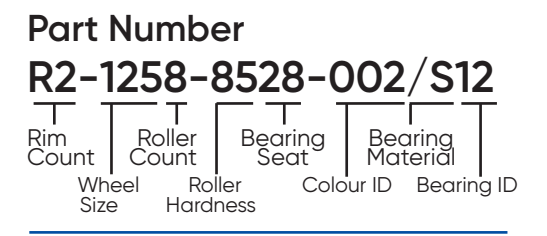


Rim Count



Diameter	35mm		50mm		90mm		127mm			150mm			180mm						
Core part number	R2-0354		R2-0504		R2-0905		R2-1278			R2-1509			R2-1801		R3-1801				
Roller Hardness Shore A Hardness, Colour Roller Material	57 TPE	99 NY	74 TPU	74 TPU	95 TPU	74 TPU	74 TPU	85 TPU	95 TPU	74 TPU	85 TPU	95 TPU	74 TPU	85 TPU	95 TPU				
Load Capacity (Kg)**	2	5	15	25	50	90	60	100	110	70	105	125	R2 75	R3 100	120	135	145	160	
Net Wheel Weight (g) Excludes bearing weight	12	13.5	40	40	195	195	335	355	360	490	510	515	R2 760	R3 1190	790	1240	795	1250	
Bearing Seat/Bore Bearing Seat Inner Bore/Hub Hub Width (mm) <small>*with Raised Inner Race Bearing</small>	8 8mm keyed	8 8mm plain	14 16x5mm	14 14mm Hex	19 28x8mm	19 19mm Hex	19 28x8mm	19 28x8mm	19 19mm Hex	19 28x8mm	19 35x11mm	19 19mm Hex	19 19mm Hex	25.4 35x11mm	25.4 25.4mm Hex	55.5/57.5* (R2)	85/87* (R3)		

Legend:



Colour ID (000 - body bush roller)

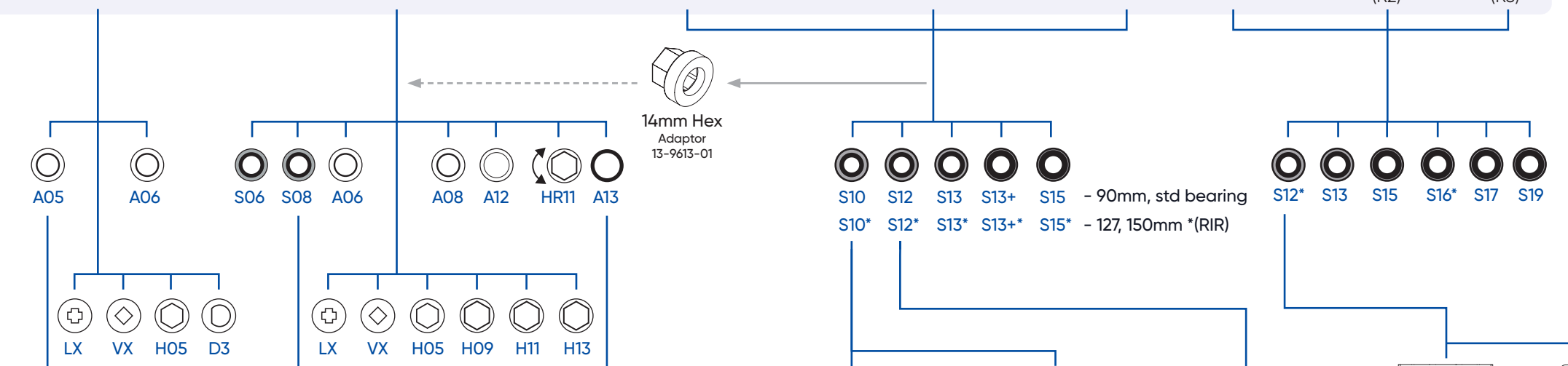
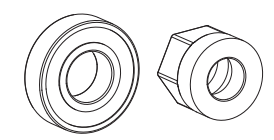
0 Grey	1 Blue	2 Black	3 Orange
4 White	5 Green	6 Red	9 Custom

Bearing/Bush Materials

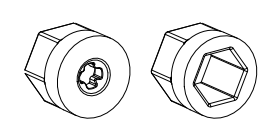
A Acetal/ABS	S Sealed Steel bearing
--------------	------------------------

Bearing ID		Drive ID	
Imperial	Metric	Imperial	Metric
05 3/16"	06 6mm	H05	Hex 3/16"
09 3/8"	08 8mm	H09	Hex 3/8"
11 7/16"	10 10mm	H11	Hex 7/16"
13 1/2"	12 12mm	H13	Hex 1/2"
13+ 1/2"+	15 15mm	D	D-Shape
16 5/8"		HR	Rotating
19 3/4"		LX	LEGO®
		VX	Vex 1/4"

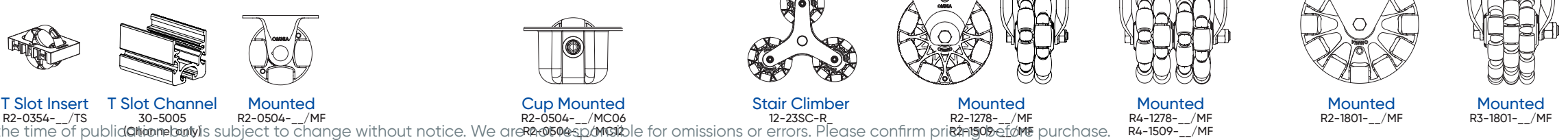
Bearings/Bushings



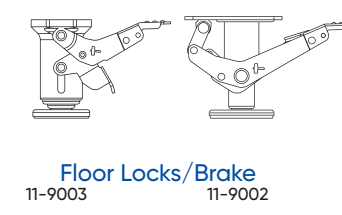
Drive Inserts



Mounted Options



Floor Brake/Lock



PATENTED: OMNIA® and Rotacaster™ Wheels are patented and/or patent pending.
©2025 Rotacaster Pty Ltd

All prices are accurate at the time of publication and are subject to change without notice. We are not responsible for omissions or errors. Please confirm pricing at the time of purchase.