

High-performance  
components for  
active use.  
**Your move™**

omobuc

by mbl



**Your  
move**



**Your** wheelchair is not just about high-quality components. Not just about carefully engineered metal and rubber. Built tough for high-performance in all terrain. For hiking. For rugby. Forever. Well, at least not if you ask us. And reading this text you kinda did. You see. We understand that your wheelchair is really all about you. Your lifestyle. Your choices. Your story. Your freedom. Unleashed. To play an active part. To make the perfect **move**.



## PUSHRIMS 2

For sport  
With anti-slip insert  
OPTIMUM with ergonomic grip  
Titanium  
Magnesium  
Steel  
Aluminium  
Dipped  
Hard anodized  
Ultralight aluminium

## OMOBIC FREE 19

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SkyLite  
DayLite  
SmartLite

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Blaze  
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# PUSHRIMS

For sport  
With anti-slip insert  
OPTIMUM with ergonomic grip  
Titanium  
Magnesium  
Steel  
Aluminium  
Dipped  
Hard anodized  
Ultralight aluminium

# Pushrim fitting options

## Fitting options – Double wall rims

### TYPE A:

Pushrim with splices fitted on rim with rivnuts



- The pushrim can be exchanged without removing the tyre and the tube

## Fitting options – Single wall rims

### TYPE B:

Pushrim with splices fitted with screw and lock nut



- necessary to remove tyre and tube to exchange pushrim

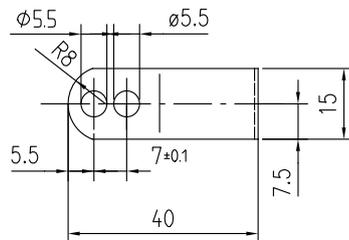
### TYPE C:

Pushrim with rivnuts fitted with anchor-plates



- Distance between pushrim and rim is 17 mm as standard. Other lengths on request

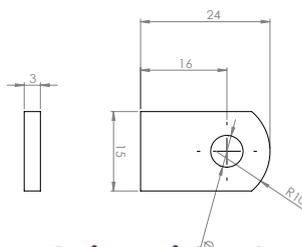
# Pushrims made for sport



- Extra strong with 12 splices bent inwards – optimal for sport
- Splices with two holes (392111)
- Durable black hard anodized surface
- Tube  $\varnothing$  20 mm x 1,5 mm

Wheel Size	SD fitting distance mm	Fit Omobic Rim types	Weight g	Fitting	Hard black anodized
24"	510	DW2	-	12 splices	3424C9D
25"	529	DW2	-	12 splices	3425C9D
26"	560	DW2	-	12 splices	3426C9D
28"	592	DW2	-	12 splices	3428C9D

## Dipped steel pushrim for rugby with LIZARD grip 24"-26"



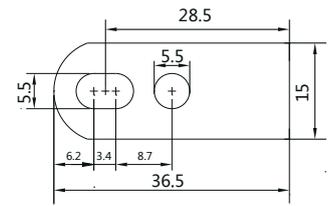
- 6 splices with one hole (39211A)
- Steel tube  $\varnothing$  21 mm x 1 mm
- Extra grip optimal for sports
- Black foam 65 SHA, thickness 1 mm
- Fulfill all EU regulations
- Based on PVC

## Hard anodized pushrim with 12 splices 24"-28"

Wheel Size	SD fitting distance mm	Fit Omobic Rim types	Weight g	Fitting	Lizard Grip Black
24"	509	DW2	-	6 splices	3424D3
25"	528	DW2	-	6 splices	3425D3
26"	559	DW2	-	6 splices	3426D3

# Pushrims with antislip inserts

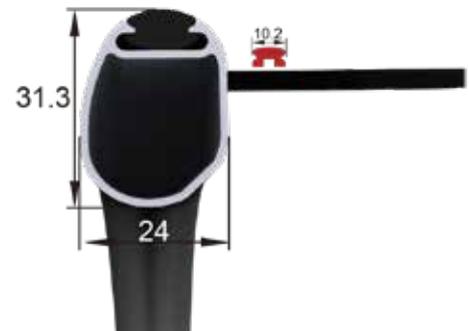
Our EASY DRIVE pushrims with antislip insert made of environmentally friendly food grade silicone provides an excellent grip which makes the wheelchair more maneuverable and easier to drive.



## NOVA P / NOVA H



- 6 splices (39210Q)
- Black powdercoated or black hard anodized
- Silicone strip for better grip
- Good anti-slip performance even when wet

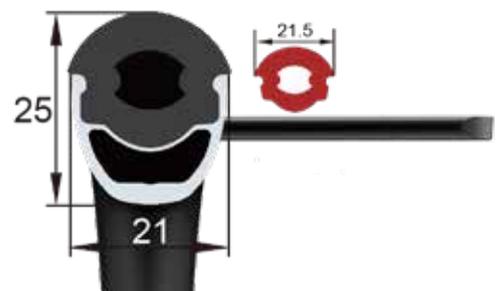


Wheel Size	SD fitting distance mm	Fit Omobic rim types	Weight g	Black Powdercoated NOVA P	Black Hard Anodized NOVA H
24"	515	DW2 + DW4 + DW7	590	34248S-P	34248S
24"	523	SW1	610	34248T-P	34248T
25"	535	DW2 + DW4 + DW7	630	34258S-P	34258S
26"	565	DW2 + DW4 + DW7	690	34268S-P	34268S

## ORBIT H



- 6 splices (39210Q)
- Black hard anodized
- Wide grasping surface with silicone strip for easy propelling.
- Good anti-slip performance even when wet.



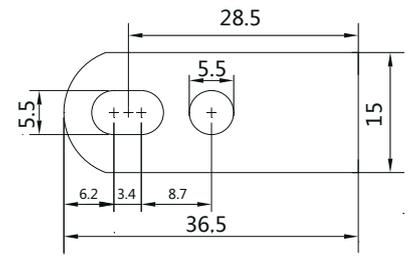
Wheel Size	SD fitting distance mm	Fit Omobic rim types	Weight g	Black Hard Anodized ORBIT H
24"	515	DW2 + DW4	760	34243S
24"	523	SW1	790	34245S



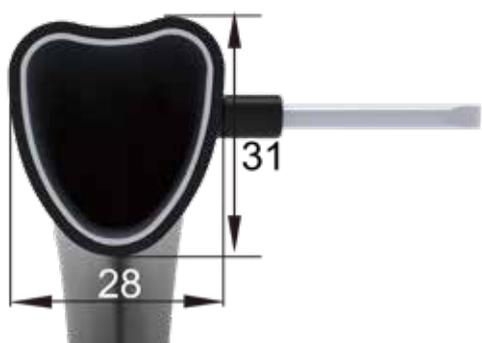
# OPTIMUM

Our OPTIMUM pushrims provides optimum contact for more easy propelling and braking and are very suitable for users with reduced hand strenght.

All profiles are available with a 1,5 mm antislip coating which makes them optimal for wheelchair users with tetraplegia.



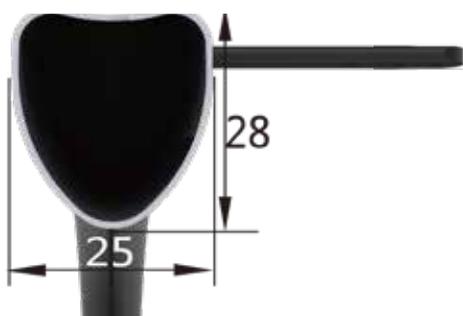
## Optimum F – Anti-slip coating



- Available with 6 splices (39210Q) or 6 rivenuts
- 1,5 mm anti-slip coating
- Optimal for users with reduced hand strength
- Slight difference in dipping material depending on country of production - which means also a slight difference in weight.

SURFACE TREATMENT	Wheel Size	Type of fitting	SD / Rivenut Fitting distance	Fit Rim Type	Weight g PL/CN	Item no.
Optimum F – Antislip Coating	24	6 splices	515	DW2 + DW4 + DW7	520/590	34244S-D
Optimum F – Antislip Coating	24	6 splices	523	SW1	530/600	3424DS-D
Optimum F – Antislip Coating	25	6 splices	535	DW2 + DW4 + DW7	540/610	34254S-D
Optimum F – Antislip Coating	26	6 splices	565	DW2 + DW4 + DW7	560/640	34264S-D
Optimum F – Antislip Coating	24	6 rivenuts	515	SW1	510/590	32244R-D
Optimum F – Antislip Coating	24	6 rivenuts	520	DW5	520/600	32244P-D

## Optimum P / Optimum H – Black powdercoated or black hard anodized

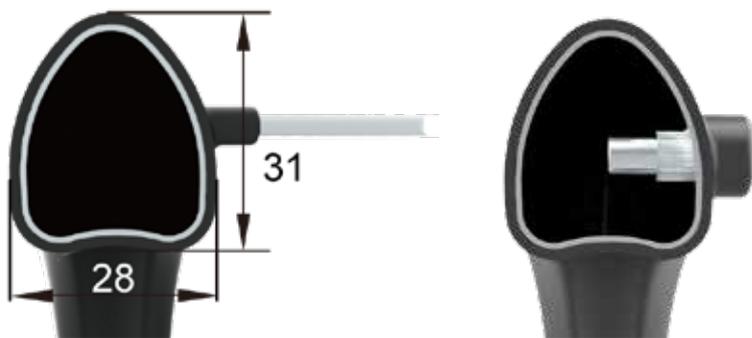


- Available with 6 splices (39210Q) or 6 rivenuts
- Optimal fit for users with reduced hand strength

SURFACE TREATMENT	Wheel Size	Type of fitting	SD / Rivenut Fitting distance	Fit Rim Type	Weight	Item no.
Optimum P – Black Powdercoated	24	6 splices	515	DW2 + DW4 + DW7	400	34244S-P
Optimum P – Black Powdercoated	24	6 splices	523	SW1	410	34244T-P
Optimum P – Black Powdercoated	25	6 splices	535	DW2 + DW4 + DW7	420	34254S-P
Optimum P – Black Powdercoated	26	6 splices	565	DW2 + DW4 + DW7	440	34264S-P
Optimum H – Black Hard Anodized	24	6 splices	515	DW2 + DW4 + DW7	275	34244S
Optimum H – Black Hard Anodized	24	6 splices	523	SW1	280	3424DS
Optimum H – Black Hard Anodized	25	6 splices	535	DW2 + DW4 + DW7	290	34254S
Optimum H – Black Hard Anodized	26	6 splices	565	DW2 + DW4 + DW7	300	34264S
Optimum H – Black Hard Anodized	24	6 rivenuts	515	SW1	270	32244R



## Optimum Z F – Antislip coating



- Available with 6 splices (39210Q) or 6 rivenuts
- 1,5 mm anti-slip coating
- Optimal for users with reduced hand strength
- Slight difference in dipping material depending on country of production - which means also a slight difference in weight.

SURFACE TREATMENT	Wheel Size	Type of fitting	SD / Rivenut Fitting distance	Fit Rim Type	Weight g	Item no.
Optimum Z F - Antislip Coating	24"	6 splices	515	DW2 + DW4 + DW7	560	3424F5-D
Optimum Z F - Antislip Coating	24"	6 splices	523	SW1	530	3424J1-D
Optimum Z F - Antislip Coating	25"	6 splices	535	DW2 + DW4 + DW7	550	3425F5-D
Optimum Z F - Antislip Coating	26"	6 splices	565	DW2 + DW4 + DW7	560	3426F5-D
Optimum Z F - Antislip Coating	24"	6 rivenuts	515	SW1	535	32244M-D
Optimum Z F - Antislip Coating	24"	6 rivenuts	520	DW5	550	32244N-D

## Optimum Z H –Black hard anodized

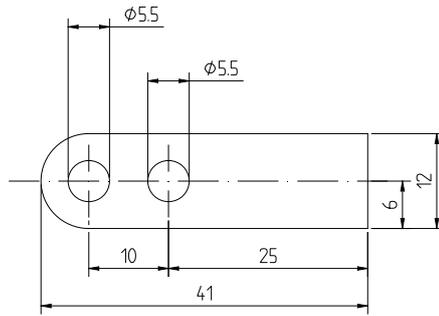


- Available with 6 splices (39210Q)
- Black hard anodized

SURFACE TREATMENT	Wheel Size	SD Fitting distance	Fit Rim Type	Weight	Item no.
Optimum ZH - Black Hard Anodized	24	515	DW2 + DW4 + DW7	275	3424F5
Optimum ZH - Black Hard Anodized	24	523	SW1	280	3424F4
Optimum ZH - Black Hard Anodized	25	535	DW2 + DW4 + DW7	285	3425F5
Optimum ZH - Black Hard Anodized	26	565	DW2 + DW4 + DW7	300	3426F5

# Pushrims Titanium, Magnesium

## Titanium



- 6 splices (D39005), 2 mm thick
- Splices can be adjusted +/- 2 mm
- Ø19 mm

Wheel Size	SD fitting distance mm	Fit Omobic rim types	Weight g	Fitting	Part. no.
22"	466	DW4 & DW7	370	6 splices	352282
24"	510	DW2	404	6 splices	352493
24"	517	DW4 & DW7	409	6 splices	352482
25"	535	DW4 & DW7	423	6 splices	352582
26"	567	DW4 & DW7	444	6 splices	352682

## Magnesium

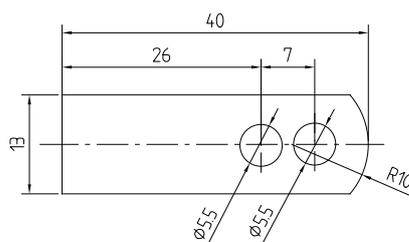


- Fitting with 6 rivenuts
- Fitting diameter adjustable +/- 1 mm

Surface treatment	Wheel Size	Rivet diameter mm	Fit Omobic rim types	Weight g	Part. no.
White powder coating	24"	515	SW1	215	MAG100W-A
Black powder coating	24"	515	SW1	215	MAG100W-B
PVC smooth coating	24"	515	SW1	320	MAG100W-DS

# Pushrims Stainless Steel

## Stainless steel



- 6 splices (392169), 2 mm thick
- Splices can be adjusted +/- 2 mm
- Stronger than aluminium
- Ø19 mm

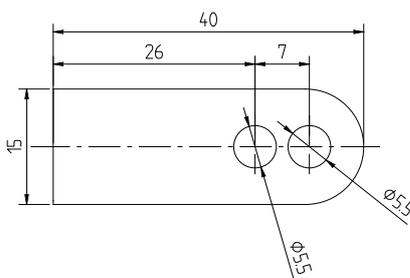
Wheel Size	SD fitting distance mm	Fit Omobic rim types	Weight g	Fitting	Shining -Mechanical Mirror polished	Matt - Mechanical polished
22"	466	DW4 & DW7	668	6 splices	352258	on request
22"	472	SW1	676	6 splices	352272	352262
<b>24"</b>	<b>510</b>	<b>DW2</b>	<b>727</b>	<b>6 splices</b>	<b>352478</b>	on request
24"	517	DW4 & DW7	736	6 splices	352458	on request
24"	523	SW1	745	6 splices	352472	352462
25"	535	DW4 & DW7	763	6 splices	352558	on request
26"	573	SW1	816	6 splices	352672	352662
26"	567	DW4 & DW7	803	6 splices	352658	on request



# Aluminium pushrims

## The originals

### Aluminium



- Ø19 x 1,25
- Splices (392115) with two holes
- Extra long splices used for pushrims which fit the Buddy wheels
- Splices can be adjusted +/- 2 mm

Wheel Size	SD /rivenut fitting distance (mm)	Fit rim types	Weight g	Fitting	Splice Type	Silver anodized	Black anodized
20"	422	DW2	-	6 splices	392115	on request	on request
20"	434	SW1	292	6 splices	392115	342051	342052
22"	460	DW2	-	6 splices	392115	on request	on request
22"	466	DW4 & DW7	311	6 splices	392115	342255	342256
22"	472	SW1	315	6 splices	392115	342251	342252
24"	480	Buddy SW Wide	-	6 splices	392144	-	3424E4
24"	510	DW2	338	6 splices	392115	344458	342458
24"	517	DW4 & DW7	343	6 splices	392115	342455	342456
24"	523	SW1	350	6 splices	392115	342451	342452
25"	530	DW2	351	6 splices	392115	342568	342567
25"	535	DW4 & DW7	355	6 splices	392115	342555	342556
25"	542	SW1	359	6 splices	392115	342561	342558
26"	560	DW2	-	6 splices	392115	on request	on request
26"	567	DW4 & DW7	374	6 splices	392115	342655	342656
26"	573	SW1	378	6 splices	392115	342651	342652
22"	469	DW5	298	6 rivenuts	398013	322284	322285
24"	515	SW1	327	6 rivenuts	398013	322452	322450
24"	520	DW5	330	6 rivenuts	398013	322495	32240BX
25"	539	DW5	341	6 rivenuts	398013	322595	322594

# Aluminium pushrims Dipped for extra grip

## Standard grip (893201)

- Black foam 65 SHA
- Thickness 1 mm
- Fulfill all EU regulations
- Based on PVC
- 1,1 friction coefficient

## Lizard grip – Extra sticky (893204)

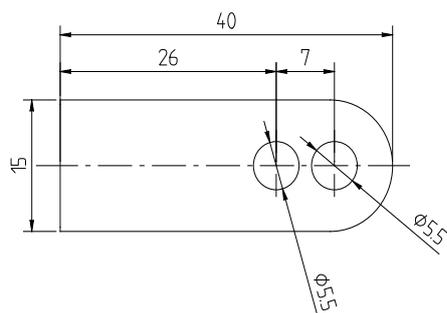
- Extra sticky – good for tetraplegia and sport
- Black foam 65 SHA
- Thickness 1 mm
- Fulfill all EU regulations
- Based on PVC
- 0,7 friction coefficient

## Dipped aluminium pushrims



- Ø19 x 1,25
- Thickness of dipping app 1 mm
- Fitting with 6 splices or rivenuts
- Splices (392115) with two holes
- Splices can be adjusted +/- 2 mm

Wheel Size	SD / rivenuts fitting distance (mm)	Fit rim types	Weight g	Fitting	Standard Grip	Lizard Grip
20"	428	DW4 & DW7	480	6 splices	342026	-
22"	466	DW4 & DW7	520	6 splices	342214	-
24"	510	DW2	565	6 splices	34249F	-
24"	517	DW4 & DW7	570	6 splices	342489	3424A5
24"	523	SW1	580	6 splices	342454	3424H7
25"	530	DW2	585	6 splices	3425D5	-
24"	515	SW1	570	6 rivenuts	322460	-



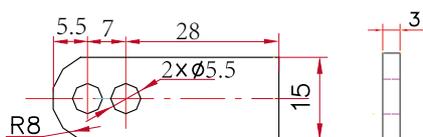
Other sizes on request



# Aluminium pushrims

## Special features

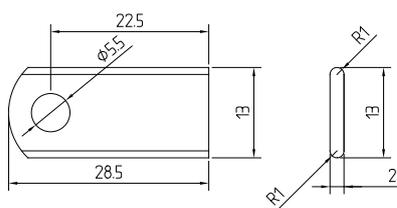
### Black hard anodized aluminium



- 6 splices (392114) with two holes
- Ø19 x 1,25
- Splices can be adjusted +/- 2 mm

Wheel Size	SD fitting distance mm	Fit rim types	Weight g	Fitting	Splice Type	Hard Black anodized
22"	466	DW4 & DW7	195	6 rivenuts	6 rivenuts	32221GH
24"	515	DW2 + DW4 + DW7	210	6 rivenuts	6 rivenuts	32241GH
24"	519	DW4 + DW7	215	6 splices	392114	34240YH
25"	536	DW4 + DW7	220	6 splices	392114	34250YH

### Ultralight aluminium



- 6 splices (392108) with one hole
- Ø19 x 0,8 mm
- Splices can be adjusted +/- 2 mm

Wheel Size	SD fitting distance mm	Fit Omobic Rim types	Weight g	Fitting	Silver anodized	Black anodized
20"	429	DW4 & DW7	178	6 splices	342077	342075
22"	466	DW4 & DW7	194	6 splices	342277	342278
24"	512	DW2	211	6 splices	342412	342413
24"	517	DW4 & DW7	212	6 splices	342408	342409
24"	523	SW1	216	6 splices	342416S	342416B
25"	535	DW4 & DW7	221	6 splices	342577	342503
25"	542	SW1	224	6 splices	342516S	342516B



A smiling man with a beard, wearing a blue hoodie and a yellow puffer vest, is sitting on a bicycle. The background is a blurred green landscape. The text 'OMOBIC FREE' is overlaid in white on the right side of the image.

# OMOBIC FREE

Lightweight Wheels **21**  
Active Wheels **31**  
Front forks and wheels **57**  
Various **67**



# Light weight wheels

MagniLite  
SkyLite  
DayLite  
SmartLite

# MAGNILITE

24"

The MAGNILITE wheel is built with our DW2 rim profile. The magnesium rim weighs only 365 g compared to 476 g for the same rim in aluminium and combined with our Micro Hub, 18 extra light spokes and a super light tyre you get a beautiful wheel with a weight just around 850 g for the complete wheel.





Magnesium  
(DW2)  
Black or white



Extra light aluminium  
pushrim Ø19 x 0,8 mm.  
6 splices, one hole  
Black or silver anodized



Black micro hub (R5),  
48/70mm, 18 extra light  
stainless steel spokes  
  
18 extra light stainless steel  
spokes



Omobic SpeedLite  
25 mm



Max load  
40 kg

## Raw wheels

RIM COLOR	SIZE	SD diameter mm	Weight g	Part no. Ø12mm	Part no. Ø1/2"
Black	24"	510	-	234MG1	234MG2
White	24"	510	-	On request	On request

## Wheels with pushrim and tyre

RIM COLOR	SIZE	Pushrim	Weight g	Part no. Ø12 mm	Part no. Ø1/2"
Black	24"	Silver anodized	850	264MG11	264MG61
Black	24"	Black anodized	850	264MG12	264MG62
White	24"	Black anodized	850	264MG89	264MG99

## Quick-release axles

Lenght mm	Release button colour	Part. no. Ø12 mm	Part. no. Ø1/2"
103	Black aluminium	6180SF	6181SD

# SKYLITE

20"-25"

SKYLITE is your ultimate choice when you want to travel elegant and light. Our engineers have, as the first in the world, developed and tested micro hubs for wheelchair use. Combined with an ultra lightweight rim, where we have used a special CNC milling method between the spoke holes, we have developed a complete wheel weighing only 960 grams.





Black rim with silver cavities to reduce weight (DW7)



Extra light aluminium pushrim  $\varnothing 19 \times 0,8$  mm.  
6 splices, one hole  
Black or silver anodized



Polished micro hub (R5)  
70/48 mm  
18 extra light stainless steel spokes



20", 22", 25" Omobic SpeedLite, 25 mm



Max load  
40 kg



24" Omobic Gazelle  
25 mm

## Raw wheels

SIZE	SD diameter mm	Weight g	Part no. $\varnothing 12$ mm	Part no. $\varnothing 1/2$ "
20"	428	410	230US1	230US2
22"	466	430	232US1	232US2
24"	517	455	234US1	234US2
25"	536	490	235US1	235US2

## Wheels with pushrim and tyre

SIZE	Pushrim	Tyre	Weight g	Part no. $\varnothing 12$ mm	Part no. $\varnothing 1/2$ "
20"	Silver anodized	OMOBIC Speedlite	925	260US1	260US2
20"	Black anodized	OMOBIC Speedlite	925	260US3	260US4
22"	Silver anodized	OMOBIC Speedlite	955	262US1	262US2
22"	Black anodized	OMOBIC Speedlite	955	262US3	262US4
24"	Silver anodized	OMOBIC Gazelle	970	264US11	264US12
24"	Black anodized	OMOBIC Gazelle	970	264US13	264US14
25"	Silver anodized	OMOBIC Speedlite	990	265US1	265US2
25"	Black anodized	OMOBIC Speedlite	990	265US3	265US4

## Quick-release axles

Lenght mm	Release button colour	Part. no. $\varnothing 12$ mm	Part. no. $\varnothing 1/2$ "
103	Mirror polished	6180SD	6181SD

## DAYLITE

24"-25"

The DAYLITE is a beautiful and elegant wheel for everyday use. The radial light-weight hub was designed by MBL's founder and is now a worldwide classic. Fitted with the OMOBIC lightweight yet durable SpeedLite tyre the DAYLITE will be a light and stylish addition to most wheelchairs.





Black rim  
(DW4)



Extra light aluminium  
pushrim  $\varnothing 19 \times 0,8$  mm.  
6 splices, one hole  
Black or silver anodized



Black hub (R1)  
70/48mm  
24 extra light stainless  
steel spokes



Omobic SpeedLite  
25 mm



Max load  
60 kg

## Raw wheels

SIZE	SD diameter mm		Part no. $\varnothing 12$ mm	Part no. $\varnothing 1/2$ "
24"	517	525	234L11	234L61
25"	536	540	235L11	235L61

## Wheels with pushrim and tyre

SIZE	Pushrim	Weight g	Part no. $\varnothing 12$ mm	Part no. $\varnothing 1/2$ "
24"	Silver anodized	1060	264L11	264L61
24"	Black anodized	1060	264L12	264L62
25"	Silver anodized	1080	265L11	265L61
25"	Black anodized	1080	265L12	265L62

## Quick-release axles

Lenght mm	Release button colour	Part. no. $\varnothing 12$ mm	Part. no. $\varnothing 1/2$ "
108	Black	6180L1	6181L1

## SMARTLITE

24"-25"

The SMARTLITE is an elegant wheel with a single wall rim for everyday use. The radial lightweight hub was designed by our founder and is now a worldwide classic. Now fitted with the Omobic lightweight yet durable SpeedLite tyre the SMARTLITE will be a light and stylish addition to most wheelchairs (Weight with OMOBIC SpeedLite tyre and pushrim: 24"/1250 g)





Black rim  
(SW1)



Extra light aluminium  
pushrim Ø19 x 0,8 mm.  
6 splices, one hole  
Black or silver anodized



Black hub (R1)  
70/48mm  
24 extra light stainless  
steel spokes



Omobic SpeedLite  
25 mm



Max load  
60 kg

## Raw wheels

SIZE	SD diameter mm	Weight g	Part no. Ø12mm	Part no. Ø1/2"
24"	523	670	234ES11	234ES61
25"	542	700	235ES11	235ES61

## Wheels with pushrim and tyre

SIZE	Pushrim	Weight g	Part no. Ø12 mm	Part no. Ø1/2"
24"	Silver anodized	1240	264ES11	264ES61
24"	Black anodized	1240	264ES12	264ES62
25"	Silver anodized	1300	265ES11	265ES61
25"	Black anodized	1300	265ES12	265ES62

## Quick-release axles

Length mm	Release button colour	Part. no. Ø12 mm	Part. no. Ø1/2"
108	Black	6180L1	6181L1



# Active wheels

Cyclone  
Blaze  
Hurricane  
Octopus 7 x 2  
Challenger  
Buddy  
Twin  
Magnifico  
Tensio Spirit  
Tensio Ray  
Tensio Wave

## CYCLONE

24"

CYCLONE is a strong yet elegant looking wheel. The slim hub and only 12 spokes give the wheel a light look and fitted with the Omobic SpeedLite tyre it will guarantee the user a very easy run. The hard anodized pushrim is durable and generates minimum heat when braking.





Black rim  
(DW2)



Aluminium pushrim  
6 splices with two holes  
Black or silver anodized



- Black anodized hub (R6) 48/70mm
- 12 black KTL steel spokes Ø 3 mm



Omobic SpeedLite  
25 mm



Max load  
60 kg

## Raw wheels

SIZE	SD diameter mm	Weight g	Part no. ø12 mm	Part no. ø1/2"
24"/Ø540	510	-	234AD2	-

## Wheels with pushrim and tyre (directional)

SIZE	Pushrim	 g	Part no. ø12 mm LEFT	Part no. ø12 mm RIGHT	Part no. ø1/2" LEFT	Part no. ø1/2" RIGHT
24"	Black anodized	1550	264AD8-L	264AD8-R	264AD2-L	264AD2-R
24"	Silver anodized	1550	264ADC-L	264ADC-R	264AD9-L	264AD9-R

## Quick-release axles

Lenght mm	Release button colour	Part. no. Ø12 mm	Part. no. Ø1/2"
-	Black	61821L	61830L

## BLAZE

24"-25"

Our popular BLAZE wheel is here presented in a version prepared for 6 splices and is an optimal choice if you are looking for a stiff and maneuverable wheel. The BLAZE wheel is equipped with 48 spokes which result in a very durable wheel with an energetic and sporty look.





Black rim  
(DW2)



Black hub (R4)  
48/82mm  
48 radial black spokes  
8 x 1,6mm



Max load  
75 kg

## Raw wheels

SIZE	SD diameter mm	Weight g	Part no. ø12 mm	Part no. ø1/2"
24"/Ø540	510	930	234DE1	234DE3
25"/Ø559	530	960	235DE1	235DE3

## Quick-release axles

Lenght mm	Release button colour	Part no. Ø12 mm	Part no. Ø1/2"
108	Black	6180S1	-

## HURRICANE 6 x 3

22"-25"

HURRICANE 6 x 3 is an optimal choice if you are looking for a modern and dynamic looking wheel. The 6 x 3 spokes combined with a 28 mm tall and narrow rim results in a lean and attractive look. HURRICANE is a strong yet light wheel and fitted with Omobic Speedlite tyre it will guarantee the user a very easy ride.





Black KTL  
(DW5)



Aluminium pushrim  
6 splices with two holes  
Black or silver anodized  
Ø19 mm



Black hub (F3) 53/64 mm  
18 x Ø2,3mm stainless steel  
spokes



Pushrim fitted with 6  
round rivets



Max load  
75 kg



Omobic SpeedLite  
25 mm

## Raw wheels

SIZE	Rivet Diameter mm	Weight g	Part no. Ø12 mm	Part no. Ø1/2"
22"/Ø489	469	740	232H31	232H81
24"/Ø540	520	790	234H31	234H81
25"/Ø559	550	830	235H31	235H81

## Wheels with pushrim and tyre

SIZE	Pushrim	Weight g	Part no. Ø12 mm	Part no. Ø1/2"
24"/Ø540	Silver anodized aluminium	1530	264H31	264H81
24"/Ø540	Black anodized aluminium	1530	264H32	264H82

## Quick-release axles

Length mm	Release button colour	Part. no. Ø12 mm	Part. no. Ø1/2"
108	Black	6180S1	-
109	Black	-	6181S1

## OCTOPUS 7 x 2

24"

The Octopus hub is a true classic among our designs. The organic and attractive shape of the OCTOPUS hub really shows fitted with just 7 x 2 spokes. The wheel comes in standard painted in black pearl and is a wonderful looking wheel for every day use. This wheel also looks amazing on a kid's chair in bright colors!





Rim in Black Pearl color (DW5)



Aluminium pushrim  
6 splices with two holes  
Black or silver anodized  
Ø19 mm



Octopus hub (01) in black pearl color, 74/53 mm.  
7 x 2 stainless steel spokes



Pushrim fitted with 6 round rivets



Max load  
50 kg



Omobic SpeedLite  
25 mm

## Raw wheels

SIZE	SD diameter	Weight g	Part no. ø12 mm	Part no. ø1/2"
24"/Ø540	520	880	234101	234151

## Wheels with pushrim and tyre

SIZE	Pushrim	Weight g	Part no. ø12 mm	Part no. ø1/2"
24"/Ø540	Silver anodized aluminium with round splices	1490	264101	264151
24"/Ø540	Black anodized aluminium with round splices	1490	264102	264152

## Quick-release axles

Length mm	Release button colour	Part no. Ø12 mm	Part no. Ø1/2"
103	Black pearl	618092	-
104	Black pearl	-	618193

## CHALLENGER w/ off-set hub

24"

The OFF-ROAD CHALLENGER is an optimal choice for active users who often come across bumpy and challenging roads. The OFF-ROAD CHALLENGER is a strong and durable wheel equipped with a 10 mm off-set high flange hub. The 28 mm tall rim profile results in a dynamic and sporty look.





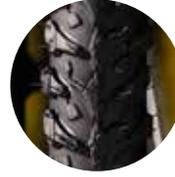
Black rim  
High profile



Aluminium pushrim  
6 splices with two holes  
Black anodized  
Ø19 mm



10 mm off-set high flange  
hub (F5) 53/64 mm  
36 stainless steel spokes.



- Innova tyre  
IA2003, 47 mm



Max load  
60 kg

## Raw wheels

SIZE	SD diameter mm	Weight g	Part no. ø12 mm	Part no. ø1/2"
24"/Ø507	472	970	234EZA	234EZA

## Wheels with pushrim and tyre

SIZE	Tyre DIRECTIONAL	Weight g	Part no. ø12 mm	Part no. ø1/2"
24"/Ø507	LEFT	2120	264EXG-L	264EZG-L
24"/Ø507	RIGHT	2120	264EXG-R	264EZG-R

## Quick-release axles

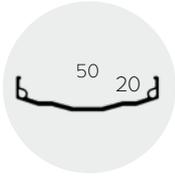
Length mm	Release button colour	Part. no. Ø12 mm	Part. no. Ø1/2"
108	Black	618254	618354

## BUDDY

24"

Our off-road wheel BUDDY will safely carry the user and prevent the wheelchair from sinking on soft grounds. The wide rim and fat tyre add style to any wheelchair. Our version with a 507 mm (22") wheel rim fitted with a 60 mm wide tyre has a diameter which is close to a standard 24" wheel and so the setup of the wheelchair remains the same.





Black  
extra wide



Aluminium pushrim  
6 splices with two holes  
Black anodized  
Ø19 mm



Black hub with high flanges  
(F5) 53/64mm  
36 stainless steel spokes,  
2 mm



Big Apple 24"/507-  
24" x 2" - other  
DIRECTIONAL tyres  
on request



Max load  
60 kg

## Raw wheels

SIZE	SD diameter mm	Weight g	Part no. Ø12 mm	Part no. Ø1/2"
24"/Ø507	480	1100	23F403	23F404

## Wheels with pushrim and tyre

SIZE	Tyre DIRECTIONAL	Weight g	Part no. Ø12 mm	Part no. Ø1/2"
24"/Ø507	LEFT	2400	26F405L	26F406L
24"/Ø507	RIGHT	2400	26F405R	26F406R

## Quick-release axles

Lenght mm	Release button colour	Part. no. Ø12 mm	Part. no. Ø1/2"
108	Black	618254	618354

## TWIN – for power assisted wheelchairs

24"

Our OFF-ROAD TWIN WHEEL will take you anywhere! It is designed for use with power assisted wheelchair systems. The two tyres make a large surface, especially when a little "flat". Each tyre is 6 cm wide, so with two wheels in one wheel we get a surface that is 12 cm wide. This makes the wheel suitable for beaches etc. The TWIN wheel is most often used without pushrim and cambering of the wheels is important for stabilizing the wheelchair at high speed





Black rim (SW1)  
Two rims welded together



Aluminium pushrim  
6 splices with two holes  
Black anodized  
Ø19 mm



Black off-set hub 7mm, with high flanges - ekstra long 90/79 mm  
36 stainless steel spokes, 2 mm



Innova tyre IA2003, 47 mm



Max load  
60 kg

## Wheels with tyre and pushrim

SIZE	Pushrim	Tyre DIRECTIONAL	Weight g	Part no. ø12 mm	Part no. ø1/2"
24"/Ø507	-	LEFT	3200	-	244TWIN98L
24"/Ø507	-	RIGHT	3200	-	244TWIN98R
24"/Ø507	Black anodized aluminium	LEFT	-	-	264TWIN98L
24"/Ø507	Black anodized aluminium	RIGHT	-	-	264TWIN98R

## Quick-release axles

Lenght mm	Release button colour	Part. no. Ø12 mm	Part. no. Ø1/2"
130	Black	-	618326

## **MAGNIFICO – Very strong magnesium wheel suitable for power assisted wheelchairs and bariatric users 24"**

Our MAGNEFICO wheel will take you anywhere! It is designed for use with power assisted wheelchair systems and is available with ekstra durable tyres that are made for long distance drives. The wheel is also suitable for users that need an extra strong wheel as the MAGNIFICO wheel carries up to 80 kg. per wheel.





Very durable magnesium rim and spokes made in one piece



Aluminium pushrim  
6 splices with two holes  
Black anodized  
Ø19 mm



Hub 48/60 mm



photo missing  
- contact sales

Very durable CST directional tyre suitable for long distance travelling.



Max load  
80 kg



Here shown with Innova tyre IA2003  
47 mm

## Raw wheels

SIZE	SD mm	Weight g	Part no. ø12 mm	Part no. ø1/2"
24"	-	1120	254PMH	-

## Wheels with pushrim & tyre

SIZE	Pushrim	Tyre	Weight g	Part no. ø12 mm ONE PAIR	Part no. ø1/2" ONE PAIR
24"	Black anodized alu	24" x 1.75 - CST directional with logo	2240	-	264EX8
24"	Black anodized alu	24" x 1.75 - CST directional without logo	2240	264EX9	-



# TENSIO

## Fiber spoke wheels



### Fiber spoke technology

OMOBIC Fiber Spokes are made of ZYLON® fibers. ZYLON® is made by mixing a polymer called PBO (para phenylene benzo-bisoxazole), while forcing it through a spinning machine. A special twisting and coating procedure ensures the best possible utilisation and performance of the fibers mechanical properties.

The ZYLON® fiber is probably known as today's strongest fiber that is commercially available.

ZYLON's tensile strength is about 10 times that of steel—a ZYLON® thread only 1 mm thick can hold an object weighing 450 kg. The tensile strength is significantly higher than aramid fibres known under the brand names Kevlar and Twaron.

ZYLON is more impact-resistant than steel.

The ZYLON coated cord is manufactured according to the highest quality assurance.



### Tool kit for replacing fiber spokes



Description	Item no.
Tool kit for centering and replacing fibre spokes	9812F1

## TENSIO SPIRIT

20"-26"

The TENSIO SPIRIT wheel is a great choice for a sporty and active user. The TENSIO SPIRIT wheel is fitted with 18 fiber spokes which makes a very stiff wheel that gives the user the feeling of control over the wheelchair. Another benefit of fibre spokes is the lower weight of the spokes compared to steel spokes.





Black rim  
(DW2)



18 x 3 mm  
fibre spokes



Tensio hub (T3)  
83/48 mm



Max load  
75 kg

## Raw wheels

SIZE	SD diameter mm	Weight g	Part no. ø12mm	Part no. ø1/2"
20"/Ø451	422	625	F30B1F2203	F30B2F2203
22"/Ø489	460	670	F32B1F2203	F32B2F2203
24"/Ø540	510	710	F34B1F2203	F34B2F2203
25"/Ø559	530	735	F35B1F2203	F35B2F2203
26"/Ø590	561	790	F36B1F2203	F36B2F2203

## Quick-release axles

Lenght mm	Release button colour	Part. no. d12 mm	Part. no. d 1/2"
113	Mirror polished	6180F3	6181F3

# TENSIO RAY

24"

The TENSIO RAY wheel is a great choice for an active user. The TENSIO RAY wheel is fitted with 12 fiber spokes which makes an elegant and light looking wheel - yet durable and with great maneuverability.





Black rim  
(DW2)



12 x 3 mm  
fibre spokes



Black Tensio hub (T3)  
83/48 mm



Max load  
70 kg

## Raw wheels

SIZE	SD diameter mm	Weight g	Part no. ø12mm	Part no. ø1/2"
24"/Ø540	510	685	9029N8	9029N7

## Quick-release axles

Lenght mm	Release button colour	Part. no. d12 mm	Part. no. d 1/2"
113	Mirror polished	6180F3	6181F3

## TENSIO WAVE

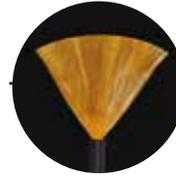
20"-25"

This unique wheel is an optimal choice when you want to travel light and fast – even on bumpy roads! The TENSIO WAVE wheel is a great choice for a sporty and active user who is looking for a light wheel. The TENSIO WAVE is fitted with 18 fiber spokes which makes a very stiff wheel that gives the user the feeling of control over the wheelchair. The TENSIO WAVE is a strong wheel optimal for the active user.





Black rim  
(DW2)



18 x 3 mm  
fibre spokes



Black Tensio Wave  
(24-25")  
53/76,3 mm.  
Wave narrow (20-22")  
40/64 mm



Max load  
60 kg

## Raw wheels

SIZE	SD diameter mm	Weight g	Part no. ø12mm	Part no. ø1/2"
20"/Ø451	422	600	F30E1F2202	F30E2F2202
22"/Ø489	460	630	F32E1F2202	F32E2F2202
24"/Ø540	510	660	F34E1F2202	F34E2F2202
25"/Ø559	530	680	F35E1F2202	F35E2F2202

## Quick-release axles

QR type	Length mm	Release button colour	Part. no. d12 mm	Part. no. d 1/2"
Tensio Wave Narrow	99	Black	-	61RU02
Tensio Wave Narrow	101	Black	-	61RU05
Tensio Wave Narrow	102	Black	61RU01	-
Tensio Wave Narrow	103	Black	6180G5	-
Tensio Wave	113	Black	6180F2	6181F2



# Front wheels & forks

Lotus Alucore  
Lotus Magnicore  
Lotus Fibercore  
Tristar Alucore  
Jazz fork w/ suspension  
Swing fork w/ suspension  
Front forks in aluminium

# ALUCORE, MAGNICORE & FIBERCORE WHEELS

## DIFFERENT FEATURES YOUR CHOICE!

### ALUCORE

Our beautifully designed ALUCORE wheels are CNC machined from high strength aluminum resulting in a strong and compact wheel.

Our ALUCORE wheels come as standard in untreated aluminium.

We also offer optional surface treatments and you can choose the wheels in polished, anodized or painted versions to obtain the look that matches your wheelchair.

Weight 5" (rim only): 105 g.

### FIBERCORE

The Fibercore range is a good and cost-competitive alternative to the ALUCORE and MAGNICORE wheels.

The Fibercore wheels are made of polyamide and are lighter than the ALUCORE wheels.

The rims are moulded and you will therefore see slightly more rounded edges.

Our Fibercore wheels come as standard in black polyamide but you can order your wheels painted in colors of your choice to obtain the look that matches your wheelchair.

Weight 5" (rim only): 80 g

### MAGNICORE

The MAGNICORE wheels are your lightest choice.

MAGNICORE is made of magnesium which is about 30% lighter than aluminium yet the CNC machined MAGNICORE rims are as strong as the ALUCORE rims.

Magnesium needs protective coating to protect it from corrosion. You can therefore order your MAGNICORE wheels colored in the color of your choice.

Weight 5" (rim only): 74 g.



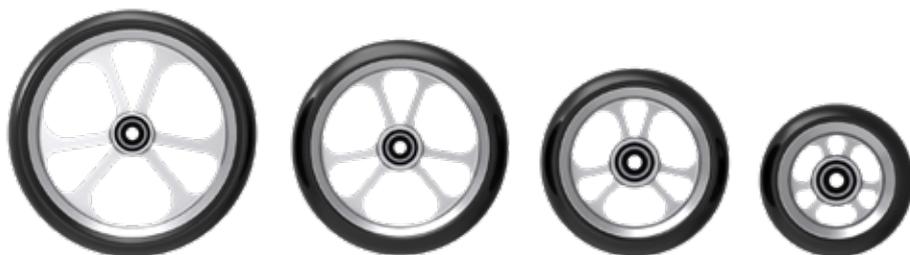
Interested in other colors?

Please contact our sales department.

## LOTUS ALUCORE 3"-6", 34 mm

Fitted with non marking hard black rubber tyres or PU tyres. Both options provide very low rolling resistance and high comfort.

Available in silver or black anodized.



Color rim	SIZE	 mm	 mm	 mm	 mm	 g	 mm	RUBBER	PU
Silver anodized	3"	80	34	ø8	26	160	40	1403A1	1503A1
Silver anodized	4"	100	34	ø8	26	191	40	1404A1	1504A1
Silver anodized	5"	125	34	ø8	26	268	40	1405A1	1505A1
Silver anodized	6"	150	34	ø8	26	284	40	1406A1	1506A1
Black anodized	4"	100	34	ø8	26	191	40	on request	on request
Black anodized	5"	125	34	ø8	26	268	40	on request	on request

## LOTUS MAGNICORE 5", 34 mm

Fitted with non marking hard black PU tyre which provides very low rolling resistance and high comfort.



Color rim	SIZE	 mm	 mm	 mm	 mm	 g	 mm	PU
Silver anodized	5"	125	34/1,3"	ø8	26	263	40	1505M1

# LOTUS FIBERCORE

3"-8", 34 mm or 38 mm

Fitted with non marking hard black rubber tyres or PU tyres. Both options provide very low rolling resistance and high comfort.

Two widths available:

1½" (34 mm) and 1¼" (38 mm)



SIZE	 mm	 mm	 mm	 mm	 g	 mm	RUBBER	PU
3"	80	34 / 1¼"	ø8	26	-/143	40	1403P1	1503P1
4"	100	34 / 1¼"	ø8	26	-/180	40	1404P1	1504P1
5"	125	34 / 1¼"	ø8	26	-/255	40	1405P1	1505P1
6"	150	34 / 1¼"	ø8	26	-/315	40	1406P1	1506P1
7"	175	34 / 1¼"	ø8	26	-/369	40	-	1507P1
8"	200	34 / 1¼"	ø8	26	-/438	40	-	1508P1



38 mm

SIZE	 mm	 mm	 mm	 mm	 g	 mm	PU
4"	100	38 / 1½"	ø8	26	-/207	40	1504P2
5"	125	38 / 1½"	ø8	26	-/270	40	1505P2
6"	150	38 / 1½"	ø8	26	-/357	40	1506P2

# TRISTAR ALUCORE 3"-6", 35 mm PU extreme

Our new high performing PU tyre has an extremely low rolling resistance and is very durable.

The TRISTAR wheels are available as standard in polished aluminium, but can be anodized in any color.

Please contact our sales department for more information.

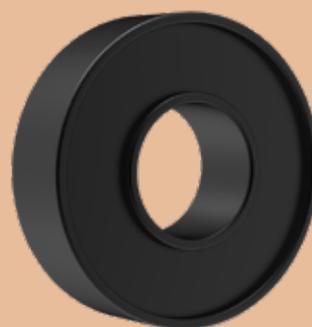


SIZE	 mm	 mm	 mm	 mm	 g	 kg	Polished
3"	80	35,5/1,4"	8	26	-	50	1503A9
4"	100	35,3/1,4"	8	26	255	50	1504A9
5"	125	35,3/1,4"	8	26	325	50	1505A9
6"	150	35,3/1,4"	8	26	385	50	1506A9

Optimize your ride with ceramic bearings!

Can be fitted on all our front wheels on request.

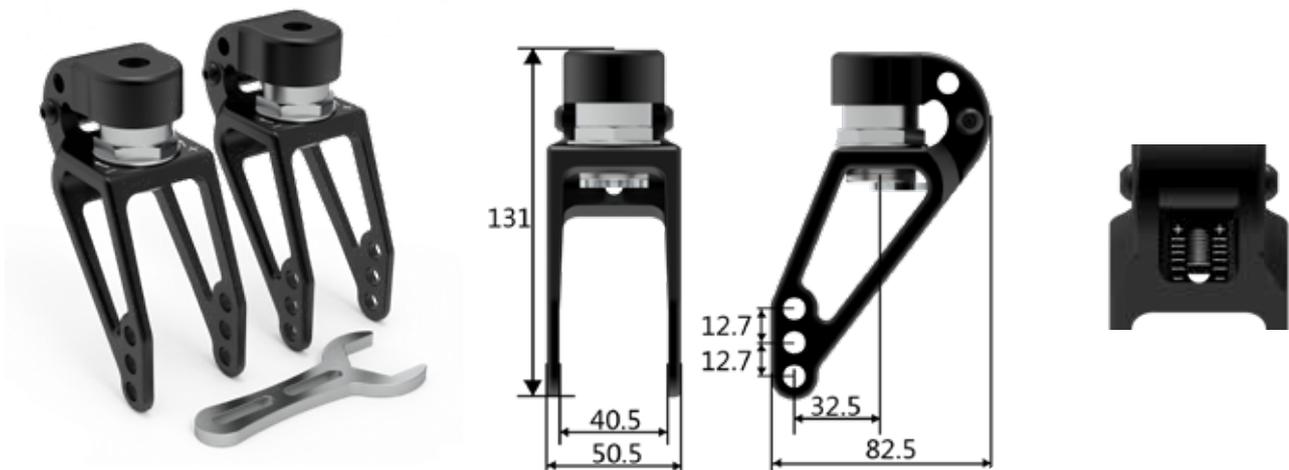
Item no. 69402L



# JAZZ – Shock absorbing front fork with very easy adjustment of the level of suspension

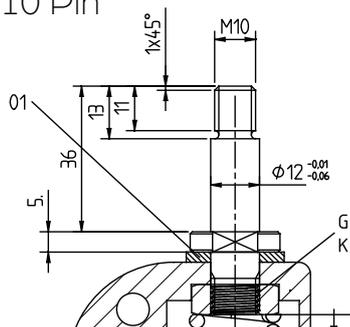
We offer a unique solution if you wish your front castors to absorb shocks and reduce rolling resistance when driving on uneven surfaces. On the JAZZ fork it is very easy to adjust the level of suspension to fit the users weight and the terrain which makes it very user-friendly.

- For wheel sizes 3"6"
- Can be installed on all manual wheelchairs with bearing housings fitted on the frame

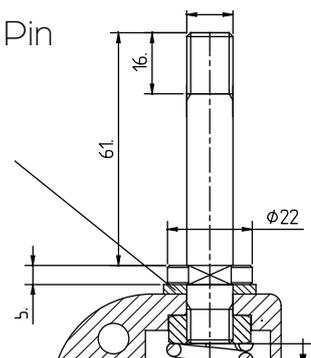


Description	Weight g	Part. no.
SET of two forks with M10 bolt and washer, without spanner	-	6540A1
SET of two forks with M10 bolt, washer and spanner	-	6580A1
SET of two forks with M12 bolt, washer and spanner	-	6580A2
SET of two forks and spanner	-	65801U
Single fork	307	65455S
Spanner	-	65454Y

M10 Pin



M12 Pin



## JAZZ

Front fork with adjustable suspension fitted with LOTUS ALUCORE wheel



## SWING – shock absorbing front forks with bearing housings – very easy adjustment of the level of suspension

Compared to normal forks, suspension forks can effectively reduce the rolling resistance when driving. The SWING forks are designed for 4", 5" and 6" front wheels and it is very easy on both models to adjust the level of suspension to fit the users's weight and the terrain.

Your best choice depends on the wheelchair frame for better fit – please contact our sales department.

### SWING-A



### SWING-B



Description	Weight g	Part. no. LEFT side	Part. no. RIGHT side
Swing-A: can be adjusted more than SWING-B	-	65456L	65456R
SWING-B	-	65455L	65455R



- Use an Allen key to adjust the spring tension according to the user's weight to increase or decrease the resistance to load.

# Front forks

Our range of machined forks are made of strong hardened aluminium. They are durable, light and modern and they will surely look good fitted with one of our front wheels. The forks come as standard in black anodized but they can be surface treated to your taste and style.



## SOLO

- Max size of wheel: 6"
- Side holes 3 x  $\varnothing$  8,2 mm
- Pin hole 12 or 14 mm
- Black anodized

Inner width W (mm)	Height H (mm)	Top thickness T (mm)	Outer width (mm)	Weight g	Part. no. 12 mm hole		Part. no. 14 mm hole	
					Side A	Side B	Side A	Side B
53	106	8	66	105	65530D	65530C	655300	655306



## MINI

- Max size of wheel: 6" mm
- Side holes 4 x  $\varnothing$  8,2 mm
- Black anodized

Inner width W (mm)	Height H (mm)	Top thickness T (mm)	Outer width (mm)	Weight g	Part. no. M12	Part. no. M14
46	116,5	12	56	120	65454Z	65454ZA



## MAX

- Max size of wheel: 10"
- Side holes 4 x  $\varnothing$  8,2 mm
- Black anodized

Inner width W (mm)	Height H (mm)	Top thickness T (mm)	Outer width (mm)	Weight g	Part. no. M12
46	164	12	56	150	65454E



# Various

Tyres  
Tubes  
Folding handle  
Bags  
Wheel locks

# Tyres

## GAZELLE

- Ultralight - only 205 g (+/- 10 g)
- Kevlar bead wire (foldable)
- Dual layer for very high puncture resistance
- Protection belt width: 15 mm
- Puncture resistant material: tightly weaved nylon fabric (named SPL) provides an extraordinary high level of puncture resistance.
- Carcass 127 TPI
- Minimum rolling resistance
- Recommended pressure 85-145 P.S.I
- Pressure 6.0-10.0
- Max load 70 kg



Size	ETRTO	Weight approx. g	Part no.
24" x 1"	23-540	205 g +/- 10 g	41240A
25" x 1"	23-559	215 g +/- 10 g	41250A

## SPEEDLITE

- Steel bead wire
- Dual layer for very high puncture resistance
- Protection belt width: 15 mm
- The main material used for the protection belt is natural rubber (named PTR) and is exceptionally puncture resistant.
- Carcass 67 TPI
- Low rolling resistance
- Recommended pressure: 85-145 P.S.I
- Pressure: 6.0-10.0 BAR, recommended 7.5 BAR
- Max load 70 kg



Size	ETRTO	Weight approx. g	Part no.
20" x 1"	25-451	220 (+/- 15 g)	41200B
22" x 1"	25-489	240 (+/- 15 g)	41220B
22" x 1"	25-501	?	41220BL
24" x 1"	25-540	265 (+/- 15 g)	41240B
25" x 1"	25-559	275 (+/- 15 g)	41250B
26" x 1"	25-590	285 (+/- 15 g)	41260B

## TRAILBLAZER

- Steel bead wire
- Dual layer for extremely high puncture resistance
- Protection belt width: 18 mm
- Protection belt height: 4,5 mm
- The main material used for the protection belt is natural rubber (named PTR) and is exceptionally puncture resistant.
- Carcass 67 TPI
- Low rolling resistance
- Recommended pressure: 85-145 P.S.I.
- Pressure 6.0-10.0
- Max load 70 kg



Size	ETRTO	Weight approx. g	Part no.
20" x 1"	25-451	420 g (+/-30 g)	41200C
22" x 1"	25-489	460 g (+/-30 g)	41220C
22" x 1"	25-501	470 g (+/-30 g)	41220CL
24" x 1"	25-540	490 g (+/-30 g)	41240C
25" x 1"	25-559	510 g (+/-30 g)	41250C
26" x 1"	25-590	560 g (+/-30 g)	41260C

Newly developed carbon wheel fitted with omobic TRAILBLAZER



# TPU tubes – made of thermoplastic polyurethane. Ultralight and extremely durable.

Check out all of the advantages!

- Recyclable material
- Extremely durable – even under sustained high pressure and load
- Puncture resistant and highly resistant to abrasion and wear
- The material is extremely flexible, elastic and heat/cold resistant
- Applicable to any air pressure
- Weight is about half of conventional rubber tyres
- Easy handling & easy to assemble
- Small package size
- Low rolling resistance
- Water resistant



# Tubes

## TPU tubes (thermoplastic Polyurethane) – fits all Omobic tyres 24" x 1"

Size	ETRTO	Valve	Weight g	Part no.
24" x 1"	23/25-540	Car valve	36	45240B

## Tubes for GAZELLE and SPEEDLITE

Size	Valve	Part no. INNOVA	Part no. CST
20" x 1"	-	452005	-
22" x 1"	-	452202	-
24" x 1"	-	452406	452401
25" x 1"	-	452501	-
26" x 1"	-	452601	-

## Tubes for TRAILBLAZER

Size	Valve	Part no. INNOVA	Part no. CST
20" x 1"	-	452019	-
22" x 1"	-	452219	-
24" x 1"	-	452419	452401
25" x 1"	-	452519	-
26" x 1"	-	452619	-

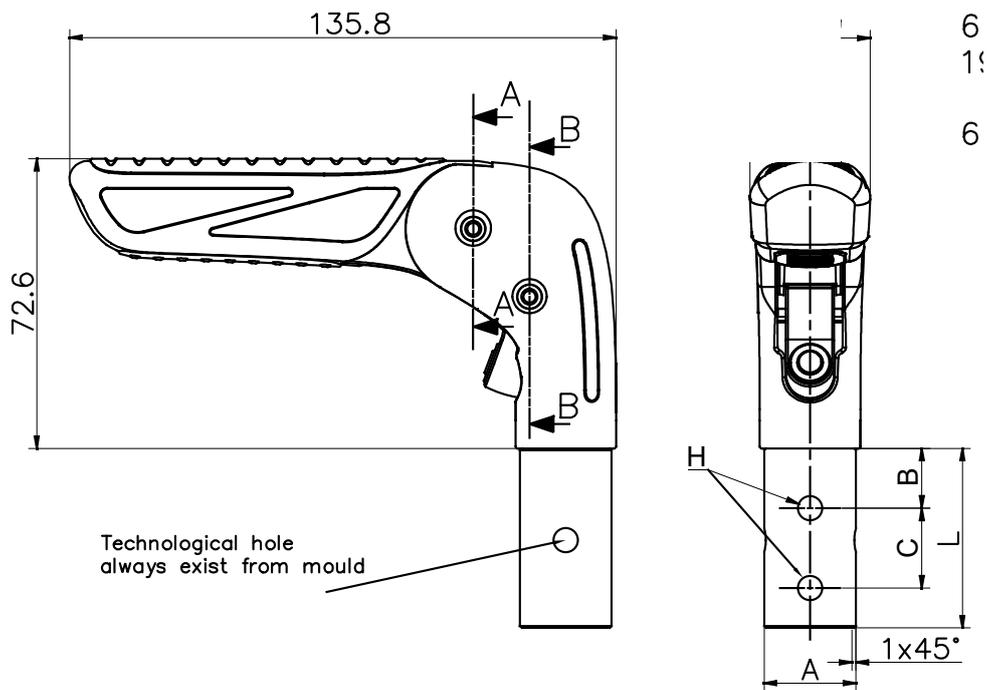
# TRIP

## Folding handle



### Features

- The push handle is foldable to save packing and storage space
- The handle has an ergonomic shape which makes it comfortable for the wheelchair assistant.
- TPR stripes on the top and the bottom of the handle provide a better grip and relieve hand pain and soreness
- The metal tube can be customized to fit specific dimensions of wheelchair back canes



A Tube diameter mm	B mm	C mm	H mm	L mm	Part no.
ø22,8	without	without	without	45	67325R
ø14,5	10,1	25	2 x M6	45	67325G
ø14,5	8	-	1 x M5	25	67325X
ø14,7	10,1	25	2 x M6	45	67325B
ø16	without	without	without	45	67325C
ø20	12	22	2 x M6	45	67325J
ø15	10	15	2 x M5	45	67325N
ø21	without	without	without	25	67325S

# Wheel bags

## BAGG 2 – for two wheels

- Moisture proof material
- Pocket for QR axle
- User friendly zipper, easy to grab



Wheel Size	Bag Size	Weight g	Part. no. with Omobic Logo
24"	Ø 61 cm x 15 cm	800	9311KG
25"	Ø 63,5 cm x 15 cm	850	9311JP
26"	Ø 66 cm x 15 cm	900	9311JX

## BAGG 4 – optimized for 4 wheels with fixed axle size 25"-26"

- Oval shape to make space for wheels with fixed axle
- 5 mm foam padding
- Moisture proof material
- Pocket for QR axle
- User friendly zipper, easy to grab



Wheel Size	Bag Size	Weight g	Part. no. with Omobic Logo
optimal for 25"-26"	Ø 75 cm X 70 cm x 40 cm	-	9311KK

## LOCK-A wheel lock in aluminium



- Luxury and very efficient wheel-lock
- Easy and smooth operation – can be used also by users with reduced hand strength
- Easy to install on any existing clamp systems
- Ergonomic hand grip
- Fit on most chairs and suitable for all kind of wheelchairs 90 degrees angle

Description	Weight g	Part no.
Activate brake with LEFT hand	130	67303Z
Activate brake with RIGHT hand	130	67303Y

## LOCK-P wheel lock in plastic



- Easy to install on any existing clamp systems
- Can be installed on both sides of wheelchair, to the users preference
- Ergonomic hand grip
- Easy and smooth operation
- Fit on most chairs and suitable for all kind of wheelchairs
- 90 degrees angle

Description	Weight g	Part no.
Activate brake with LEFT hand	100	67303MA
Activate brake with RIGHT hand	100	67303NA

## Clamp



Fitting Tube Dimension	Part. no.
Ø19/Ø20	674005
Ø19/Ø22	674004
Ø19/Ø25	674001
Ø19/Ø30	674003







# OMOBIC PRO

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## TENSIO HAKA – ATTACK

### For rugby 25"

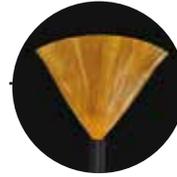
The TENSIO HAKA – ATTACK is the optimal option for a forward rugby player. The TENSIO HAKA – ATTACK is strong and durable and the integrated super impact resistant spokeguard will protect the wheel optimally. The wheel is fitted with 24 fiber spokes which provides great maneuverability on the field. Available with QR axle or fixed axle.

- Pushrim: Ø10 mm x 1.5 mm. The low diameter pushrim is fitted on the rim with 6 splices and is very closely connected to the rim. This way of fitting the pushrim completely eliminates the gap present in normal pushrim fitting solutions and results in a much more impact resistant wheel.
- Spokeguard: The black spokeguard is made of extremely impact resistant plastic and protects the wheel optimally when the wheel is hit from the side.





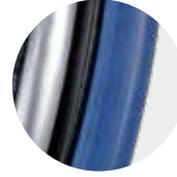
Black  
Remerx Jumbo



24 x 3,7 mm  
fibre spokes  
Radial spoking



Black Tensio hub (T3)  
For 1/2" or 5/8" QR axles  
(L=53/83 mm)  
Or ø25 mm fixed axle  
(L=54,7/83 mm)



Tufo tubeless, Tyre:  
Easy running tyre  
with an asymme-  
trically designed  
center tread which  
matches the wheel  
cambering angle.



Max load  
75

## Wheels with pushrim, tyre & spokeguard

SIZE	Weight g	Part no. ø1/2"	Part no. ø5/8"	Part no. ø25 mm fixed axle
25"/Ø559	3050	26R5AF04	26R5AF02	26R5AF05

## Quick-release axles

Lenght mm	Release button colour	Part no. Ø12 mm	Part no. Ø1/2"	Part no. Ø5/8"
113	black	6180F4	6181F4	6181XR



## TENSIO HAKA – DEFENCE

### For rugby 25"

The TENSIO HAKA – DEFENCE is designed for a defender. The TENSIO HAKA – DEFENCE is strong and durable and the super impact resistant spokeguard will protect the wheel optimally. The wheel is fitted with 24 fiber spokes which provides great maneuverability on the field. Our steel pushrim with high friction assures a good grip when fast reactions are required. Available with QR axle or fixed axle.

- Spokeguard: The black spokeguard is made of extremely impact resistant plastic and protects the wheel optimally when the wheel is hit from the side.





Black  
Remerx Jumbo



24 x 3,7 mm  
fibre spokes  
Radial spoking



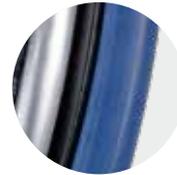
Black Tensio hub (T3)  
For 1/2" or 5/8" QR axles  
(L=53/83 mm)  
Or ø25 mm fixed axle  
(L=54,7/83 mm)



Pushrim: Black  
Lizard - high friction,  
6 splices specially  
made for sports,  
extra strong



Max load  
75



Tufo tubeless, Tyre:  
Easy running tyre  
with an asymmetri-  
cally designed center  
tread which matches  
the wheel cambering  
angle.

## Wheels with pushrim, tyre & spokeguard

SIZE	Weight g	Part no. ø1/2"	Part no. ø5/8"	Part no. ø25 mm fixed axle
25"/ø559	3050	26R4DF04	26R5DF02	26R5DF05

## Quick-release axles

Lenght mm	Release button colour	Part no. Ø12 mm	Part no. Ø1/2"	Part no. Ø5/8"
113	black	6180F4	6181F4	6181XR



## **BLAZE – optimized for sport**

24"-28"

The BLAZE wheel has been developed for basketball and is your optimal choice if you are looking for a stiff and maneuverable wheel which can also be used for other sports. The BLAZE wheel is equipped with 48 spokes and combined with a pushrim fitted with 12 splices you get a very durable wheel with an energetic and sporty look. The hard anodized pushrim generates minimal heat when braking at high speed.





Black rim  
(DW2)



- Black hard anodized pushrim
- 12 splices for extra strenght



Black hub (R4), 48/82mm

48 radial black spokes  
8 x 1,6mm



Tyre on request.  
We recommend Tufo tubeless in blue or Schwalbe Speedair with pneumatic tube



Max load  
70 kg

## Wheels with pushrim with 12 fittings – without tyre

SIZE	SD diamter mm	Weight g	Part no. ø12 mm	Part no. ø1/2"
24"/Ø540	510	~1250	254BAS98	254BAS99
25"/Ø559	530	~1280	255BAS98	255BAS99
26"/Ø590	561	~1340	256BAS98	256BAS99
28"Ø622	592	~1400	258BAS98	258BAS99

## Quick-release axles

Lenght mm	Release button colour	Part no. Ø12 mm x 108 mm	Part no. Ø1/2" x 109 mm
108/109	Black	6180S1	6181S1



# OMOBIC PLUS

Disc brake wheel

Octopus DB

One-arm drive systems

Telescopic shafts

Uni-lock brake



## Disc-brake wheel with various options for brake handles 24"

Fast and easy release of the wheels. Simply push the button, lift up the brake system and release your wheel fitted with a QR axle! Available with 120 mm disc and equipped with a safety guard which prevents the rotor from touching the ground when the wheel is deattached. Chose between three options of brake handles for user or attendant activations. **Only available with 12 mm axle.**



## Wheels with pushrim & tyre – without discbrake



Please find item numbers for sets with brakes on the next pages!

SIZE	SD diameter mm	Hub type	No. of spokes	 g	Part no. ø12mm
24"/Ø540	523	69650V	18	2330	234AAZ



Black rim (SW1)



Silver anodized aluminium pushrim with 6 splices and two hole. Ø19 mmd



Black hub 70/48 mm  
18 x ø2,6 mm black KTL spokes



Pushrim fitting with 6 splices, screw and lock-nut.



Max load for the system  
150 kg



Omobic SpeedLite 25 mm

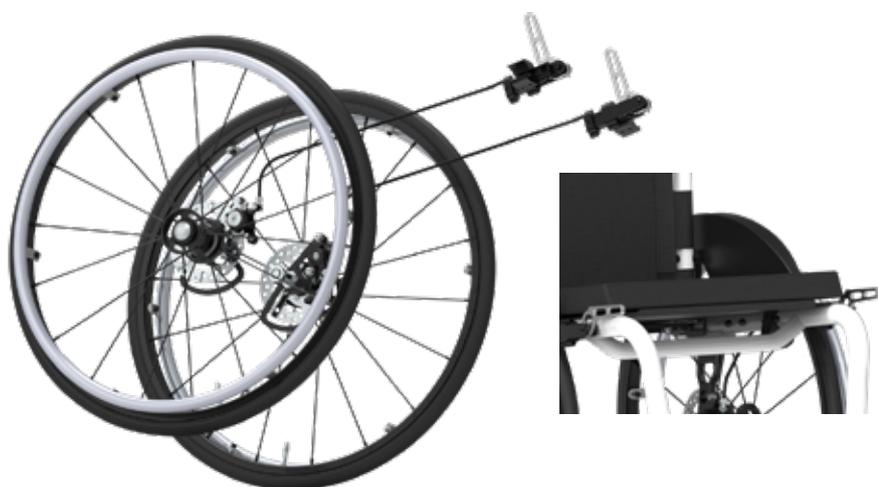
## Complete wheels with brake handle – engaged by attendant



- Disk brake system with Ø120 mm rotor
- 12 or 12,77 mm QR axle
- Including brake handle 67103M
- Mounting clamps included (left or right side)
- NB! Item no is for ONE wheel

SIZE	AXLE	BRAKE HANDLE	Weight g	Part no. ONE wheel RIGHT side	Part no. ONE wheel LEFT side
24"/Ø540	12 mm QR axle	67103M	2330	69D02R	69D02L
24"/Ø540	12,7 mm QR axle	67103M	2330	69D06R	69D06L

## Complete wheels with one cable in each brake handle – engaged by the user



- Disk brake system with Ø120 mm rotor
- 12 mm QR axle
- Including brake handle 67103M
- Mounting clamps included (left or right side)
- NB! Item no is for ONE wheel

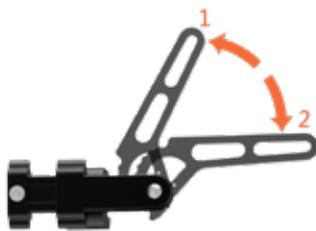
SIZE	AXLE	Weight g	Part no. ONE wheel RIGHT side	Part no. ONE wheel LEFT side
24"/Ø540	12 mm QR axle	2330	69D08R	69D08L

## Set of wheels with two cables in 1 brake handle Engaged by user



- Disk brake system with Ø120 mm rotor
- 12 mm QR axle
- Including brake handle 67103M
- Mounting clamps included (left or right side)
- NB! Item no is for TWO wheel

SIZE	AXLE	BRAKE HANDLE	Weight g	Part no. TWO wheels Mounting clamp for han- dle RIGHT side	Part no. TWO wheels Mounting clamp for han- dle LEFT side
24"/Ø540	12 mm QR axle	67103N - 2 in 1	2330	69D10R	69D10L



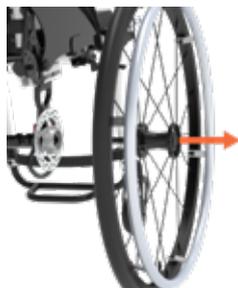
Position 1: Parking brake engaged  
Position 2: Parking brake not engaged



2 cable outlets



The brake handle is assembled to the chair frame by using clamps as shown above.



The wheel is detachable by pressing the quick-release axle.

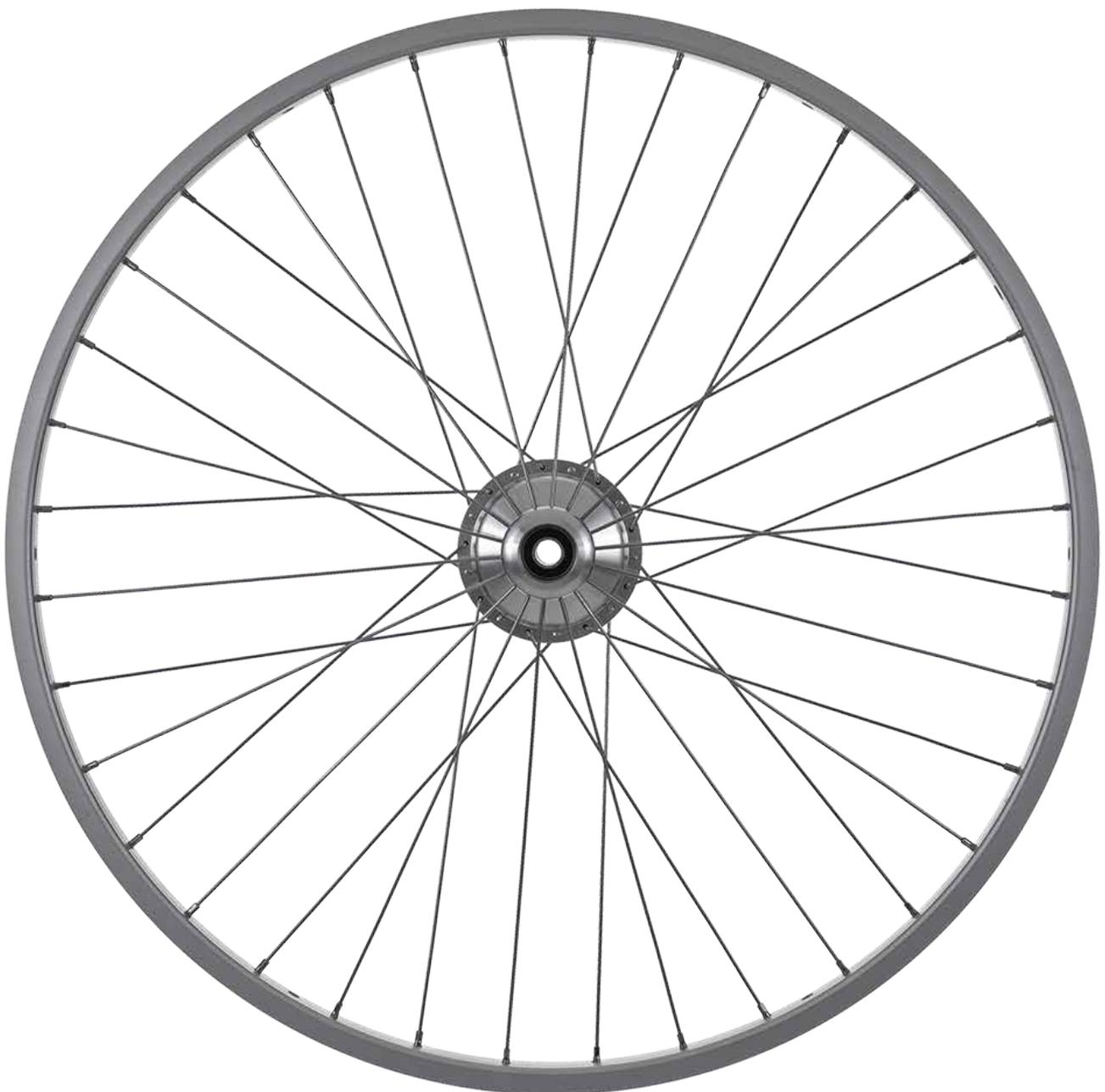


The safety guard prevents the rotor from touching the ground.

## OCTOPUS DRUMBRAKE

20", 22", 24", 26"

If you do not find that the typical drumbrake wheels on the market add any value to the look of wheelchair, then perhaps our OCTOPUS DRUMBRAKE wheel is something for you? The OCTOPUS drumbrake hub is a classic among OMOBICS's designs. The organic and attractive shape of the OCTOPUS DB hub simply makes the chair looks much more attractive, light and fun! A really good looking and reliable wheel with drumbrake function.





Silver  
(SW1)



Octopus DB hub (type DO1)  
Off-set 10 mm  
2 crosses/radial spoking  
36 spokes  
Silver



Max load  
75 kg

## Raw wheels

SIZE	SD mm	 g	Part no. ø12 mm	Part no. ø1/2"
20"/451 mm	434	-	230G98	230G99
22"/489 mm	472	-	232G98	232G99
24"/540 mm	523	-	234G98	234G99
26"/590 mm	542	-	236G98	236G99

## Complete brake-plate set, inkl. Ø 12 mm QR axle and push-button

Bushing dimension for fitting	QR Axle dimension	Color of pushbutton	Part no. Side A	Part no. Side B
M16 x 1 x 32 mm	Ø12 x 104	Untreated aluminium	693901	693902
M18 x 1 x 32 mm	Ø12 x 104	Untreated aluminium	693911	693912

# One-arm drive system

## Replacable pushrim 24"

### Features

- The universal fitting adjustment adapts to various wheelchair frames
- The universal shafts adapts to any cambered wheelchair
- The seat width adjustment can be obtained by changing the shaft.
- Wheels and shaft can be detached to facilitate transportation and cleaning.
- Pushrims can be replaced
- Telescopic shaft is not included in the wheel set
- 2 x bearing housings are included in the wheel set.
- The wheelset includes brake plate and fixed axle with hexagonal cone



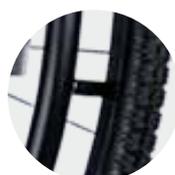
Black rim (SW1)



Silver anodized aluminium pushrim with 6 splices and two hole. Ø19 mmd



Black 53/64 steel hub, 36 galvanized spokes, 3 crosses



Pushrim fitting with 6 rivenuts



Max load for the system  
150 kg



PU tyre or Omobic SpeedLite Tyre and tube 24" x 1 25mm

Wheel size	 PN/PU g	Part no. w. tyre/tube ø 1/2"	Part no. w. PU tyre ø 1/2"
20	-	260AAL	280AAL
22	-	262ABT	282ABT
24"/540	4350/-	264ADS	284ADS
26	-	266AAF	286AAF



The OMOBIC One-Arm drive systems allow the user to independently manage the wheelchair to any desired place by one arm.

The benefits for the user are many. Other than independence it makes it possible for the user to exercise the cardio system of the body which will result in better wellbeing.

The elegant spoke design gives a aesthetic look to the the wheelchair.

# One-arm drive system for bereatric users up to 220 kg with replacable pushrim 24"

## Features

- The universal fitting adjustment adapts to various wheelchair frames
- The universal shafts adapts to any cambered wheelchair
- The seat width adjustment can be obtained by changing the shaft.
- Wheels and shaft can be detached to facilitate transportation and cleaning.
- Pushrims can be replaced
- Telescopic shaft is not included in the wheel set
- 2 x bearing housings are included in the wheel set.
- The wheelset includes brake plate and fixed axle with hexagonal cone



Black rim (SW1)



Silver anodized aluminium pushrim with 6 splices and two hole. Ø19 mmd



Steel hub 53/64 alu hub, 36 galvanized spokes, 3 crosses



Pushrim fitting with 6 rivnuts



Max load for the system  
220 kg



Pneumatic tyre with PU insert

Wheel size	 PN/PU g	Part no. w. Tyre/PU insert
24"/540	4350/-	284ADZ

# Telescopic shafts

## Features

- adjustability for elimination of torsional slack.
- All mechanical joints and sockets come in high grade hardened steel.
- Can replace other existing telescopic shafts.
- Usable for one hand drive wheelsets with QR axle and wheels with fixed axle
- Very user friendly – also for one-hand use.

## Elimination of torsional slack

The telescopic shafts consist of two aluminum tube profiles. Each profile has a certain tolerance and as a result there is a small space between them, which leads to some slack.

To reduce the slack we use an adjusting sleeve. The more the sleeve is tightened, the less slack there will be. When the sleeve is completely locked, there is almost no relative movement and the wheelchair is easy to maneuver.

## Type A: universal shaft in aluminium – for cambering



- Universal joint for cambering of wheels until 15 degrees.
- Light construction with main parts produced in aluminium
- Sensitive mechanical parts are protected by rubber bellows.

Length range (mm)	270-330	295-370	350-460	420-530	485-595
Part no.	68110G	68110H	68110J	68110K	68110Q
Weight g	675	695	762	814	860

Length range (mm)	170-195	180-210	195-235	220-280
Part no.	68110P	68110R	68110S	68110T
Weight g	471	484	503	538



## Type A: universal shaft in aluminium – not for cambering



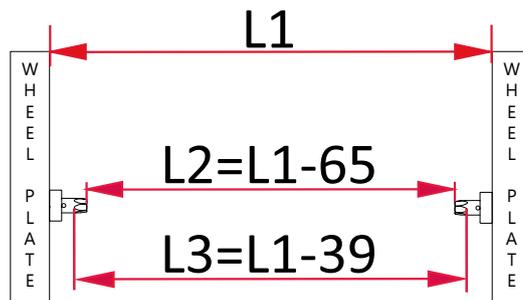
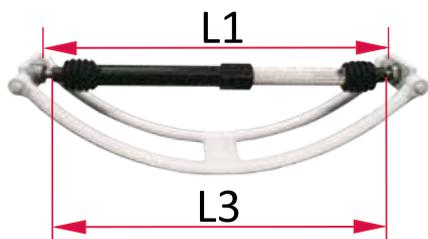
- Light construction with main parts produced in aluminium
- Completely black or silver/black



Length range (mm)	177-255	225-295	260-370	330-440	421-491	460-530	530-640
Part no. Silver/Black	68110U	68110L	68110M	68110O	68110C	68110W	68110V
Part no. Black	-	68110LB	68110MB	68110OB	68110CB	-	-
Weight g	416	470	522	561	622	660	703

## Find the right length

1. Measure the length L1 which is the inside distance between the rear wheel fitting plates of the wheelchair.
2. Make sure that L2 is larger than the shaft minimal length.
3. Make sure L3 is smaller than the maximal shaft length (L3 is the shaft length after it is fitted onto the chair).
4. If you after the above three steps find that there is more than one choice of shaft that meet your requirements, we suggest you choose the longest one.



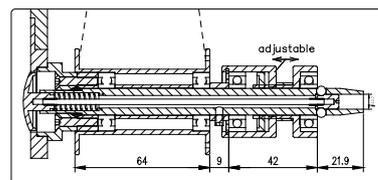
## QR axles and bearings for OAD SYSTEMS



- 1/2" QR axle with hexagonal cone.



- Bearing housing with 1/2" bearings. Item no. 69909A.
- Flexible fitting solution which fit on to side plate thicknesses between 8–16mm.
- Supplied with adapter ring for  $\varnothing 18\text{mm}$  hole.
- 2 x bearing housings are included in the wheel set.



- Cross section of hub and bearing housing.

## Unilock brake – brake both wheels with one hand



- Brake two wheels with one hand
- Two versions: activate brake with LEFT or RIGHT hand
- Parking brake function
- Used with OMOBIC clamps 674001/3/4/5
- Passed 96 salt spray test

Description	Part no.
Activate brake with LEFT hand	C00000L
Activate brake with RIGHT hand	C00000R

## CLAMP



Fitting Tube Dimension	Part. no.
Ø19/Ø20	674005
Ø19/Ø22	674004
Ø19/Ø25	674001
Ø19/Ø30	674003



# Part of your movement

At MBL, we empower people and partners to move forward. With the aspiration to constantly push for progress in rehab. The dedication to move people for life. And the commitment to keep growing stronger together with our partners.

We're 1,500 experienced and skillful people operating in Denmark, Poland, and China — driven by a mutual can-do attitude, a keen respect for people, and the ambition to be a defining part of your movement.

**mb.l**

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