

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

omobtc

September 2014



**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. 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.**







# 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 1,650 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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# HANDRIMS

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# The Touch

# INSIGHT: Handrim surface treatments

There are many options for handrim surface treatments and each type has its own pros and cons.

Not all treatments apply to all materials.

The below table can help the user select the right handrim treatment. We have rated them from X to XXXXX (X is low performing, XXXXX the top).

It is important to note that the process a handrim has been through might be different from producer to producer, and in some cases the difference can be felt by a critical or sensitive user.

With that in mind, below is a comparison made between the Omobic surface treatments.

| Surface treatment                          | Price | Scratch resistance | Grip Dry/Wet | Comments   |
|--|-------|--------------------|--------------|--|
| Hard black anodized sand blasted aluminium | €€    | XXXX               | XX / XX      | Sandblasted then anodized  |
| Shiny silver anodized aluminium            | €€    | XX                 | XX / XX      | Not as shiny as polished steel, but more shiny than normal silver anodized.  |
| Silver or black anodized aluminium         | €     | XXX                | XX / XX      | Good balance between price, weight and function  |
| Titanium – brushed                         | €€€€  | XXXX               | XXXX / XXXX  | Can cause skin reaction, such as black hands, for some users.  |
| Steel – polished                           | €     | XXXXX              | XXXX / XX    | Very durable – suitable also for contact sports.   |
| Steel – brushed                            | €     | XXXXX              | XXX / XX     | Very durable – suitable also for contact sports.   |
| Powder coating                             | €     | X                  | XXX / XXX    | Can be applied on various materials in any color.  |
| Coated – Lizard grip                       | €€€   | XX                 | XXXXX+ / XXX | Can be applied on various materials. The coating has a noticeable weight. Can cause burning when braking. The sticky surface attracts dust and so hands can get dirty. |
| Coated – Standard grip                     | €€€   | XX                 | XXXXX / XXX  | Can be applied on various materials. The coating has a noticeable weight. Can cause burning when braking. The sticky surface attracts dust and so hands can get dirty. |

omobic nova

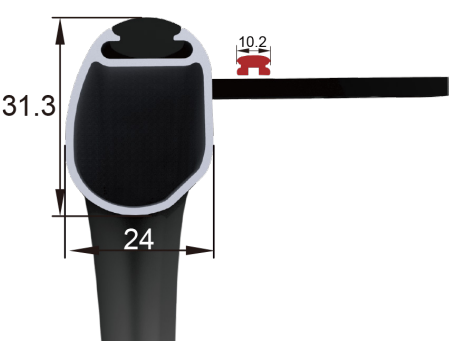




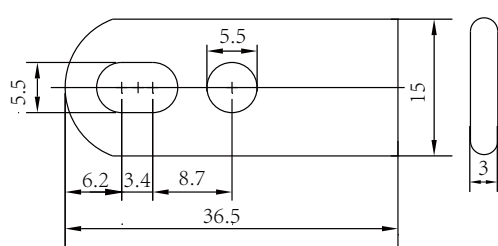
# NOVA handrims with anti-slip insert

The NOVA handrim is a good choice for users with full or slightly reduced hand strenght. The anti-slip insert made of environmentally friendly food grade silicone provides an excellent grip which makes the wheelchair more maneurable and easier to drive.

- High sides of hard anodized aluminium for easier braking
- The silicone insert is not too sticky which results in a reliable and comfortable grip as sand and other materials do not stick onto it.
- Good anti-slip performance even when wet.
- 6 splices (39210Q)
- Available in black hard anodized – shiny silver anodized on request
- Replaceable silicone insert

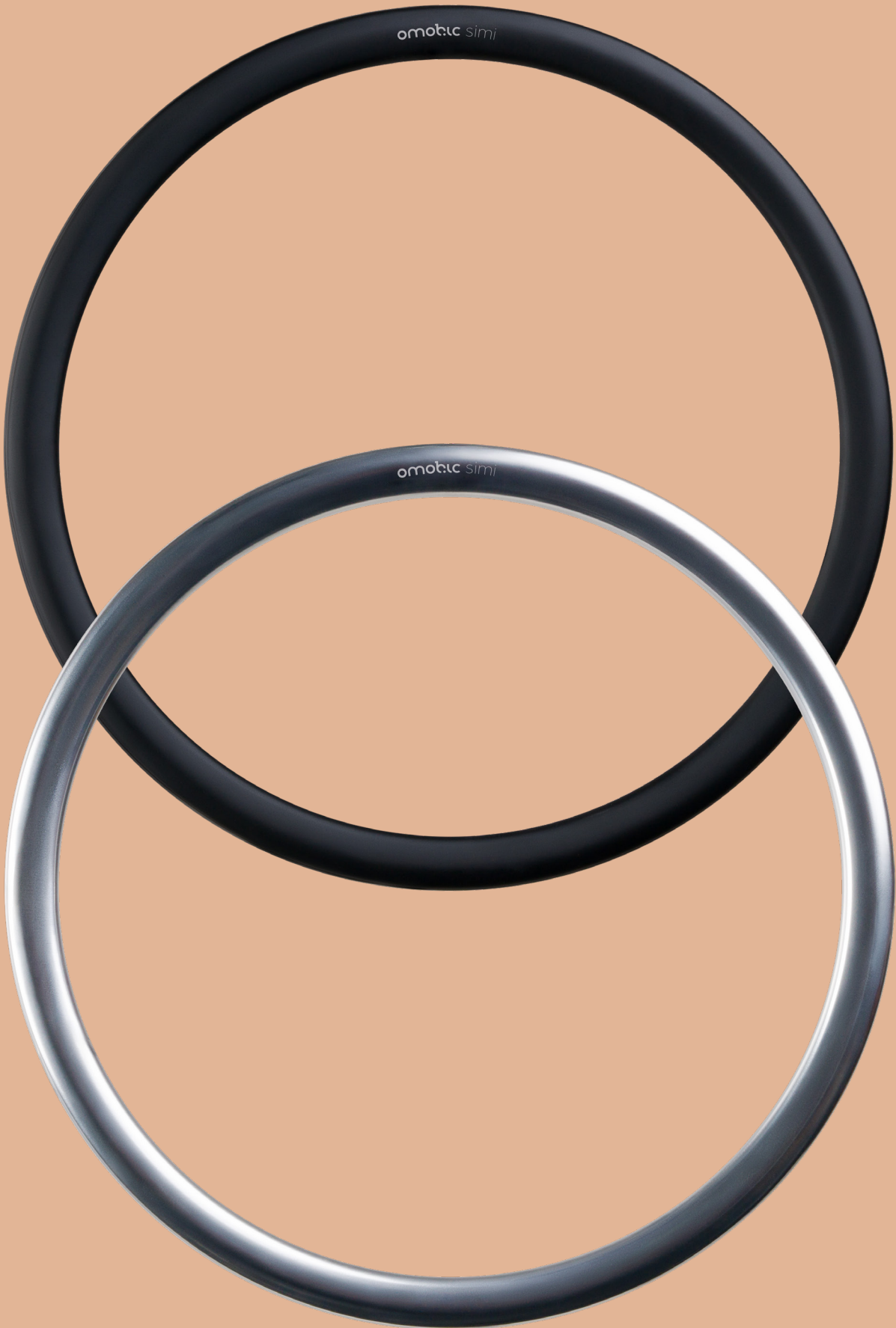


| Wheel Size | SD fitting distance mm | Fit Omobic rim types | Weight g | Black hard anodized NOVA H |
|------------|------------------------|----------------------|----------|----------------------------|
| 24"        | 472                    | Challenger 24" (507) | -        | on request                 |
| 24"        | 510                    | DW2                  | -        | on request                 |
| 24"        | 515                    | DW2 + DW4 + DW7      | 590      | 34248S                     |
| 25"        | 535                    | DW2 + DW4 + DW7      | 630      | 34258S                     |
| 26"        | 565                    | DW2 + DW4 + DW7      | 690      | 34268S                     |





**omobic** simi





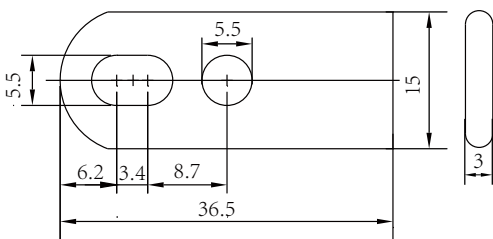
# SIMI handrims with anti-slip insert

The SIMI handrim is an excellent choice for users with full or slightly reduced handstrenght as it has a large surface and a shape that fits well into the hand. The height of the profile is 34 mm. On the top it has an anti-slip, yet not too sticky silicone insert made of environmentally friendly food grade silicone which provides an excellent grip.

- Large aluminium surface for easier braking
- The silicone insert is not too sticky which results in a reliable and comfortable grip as sand and other materials do not stick onto it.
- Good anti-slip performance even when wet.
- 6 splices (39210Q)
- Available in black hard anodized or shiny silver anodized, Silver is slightly more soft to touch but not hard anodized, so it scratches easier.
- Replaceable silicone insert



| Wheel Size | SD fitting distance mm | Fit Omobic rim types | Weight g | Silver anodized (shiny) SIMI S | Black hard anodized SIMI H |
|------------|------------------------|----------------------|----------|--------------------------------|----------------------------|
| 24"        | 510                    | DW2                  | -        | on request                     | on request                 |
| 24"        | 515                    | DW2 + DW4 + DW7      | 825      | 3424DB                         | 3424DA                     |
| 25"        | 535                    | DW2 + DW4 + DW7      | 860      | 3425DB                         | 3425DA                     |
| 26"        | 565                    | DW2 + DW4 + DW7      | 900      | 3426DB                         | 3426DA                     |



# OPTIMUM

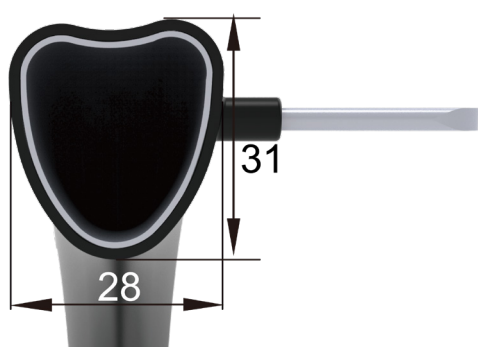
Our OPTIMUM handrims provides optimum contact for more easy propelling and braking and are very suitable for users with reduced hand strenght.

Both profiles are available with a 1,5 mm anti-slip, high friction coating which makes them optimal for wheelchair users with tetraplegia.





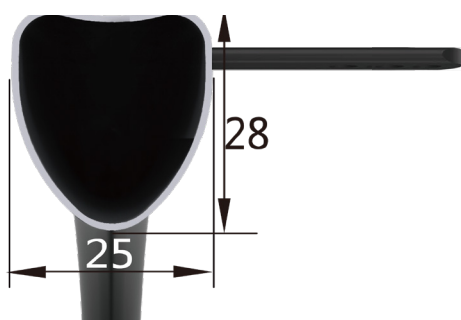
## Optimum F with anti-slip coating



- Optimal for users with reduced hand strength
- Available with 6 splices (39210Q) or 6 rivnuts
- 1,5 mm anti-slip coating, Lizard grip

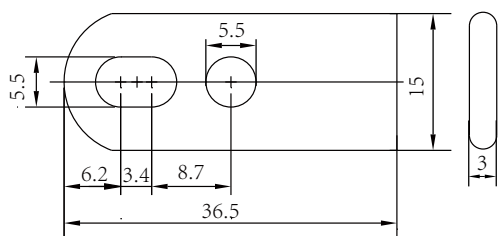
| Surface treatment             | Wheel Size | Type of fitting | SD / Rivnut<br>Fitting distance | Fit Rim Type    | Weight<br>g | Item no.<br>Produced in Poland |
|-------------------------------|------------|-----------------|---------------------------------|-----------------|-------------|--------------------------------|
| Optimum F - Anti-slip coating | 24         | 6 splices       | 510                             | DW2             | -           | on request                     |
| Optimum F - Anti-slip coating | 24         | 6 splices       | 515                             | DW2 + DW4 + DW7 | 520         | 34244S-D                       |
| Optimum F - Anti-slip coating | 25         | 6 splices       | 535                             | DW2 + DW4 + DW7 | 540         | 34254S-D                       |
| Optimum F - Anti-slip coating | 26         | 6 splices       | 565                             | DW2 + DW4 + DW7 | 560         | 34264S-D                       |
| Optimum F - Anti-slip coating | 24         | 6 rivnuts       | 515                             | SW1             | 510         | 32244R-D                       |
| Optimum F - Anti-slip coating | 24         | 6 rivnuts       | 520                             | DW5             | 520         | 32244P-D                       |

## Optimum



- The large and ergonomic shape gives the user a good and comfortable grip
- Available with 6 splices (39210Q) or 6 rivnuts
- Black hard anodized aluminium - very scratch resistant

| Surface treatment               | Wheel Size | Type of fitting | SD / Rivnut<br>Fitting distance | Fit Rim Type    | Weight | Item no.   |
|---------------------------------|------------|-----------------|---------------------------------|-----------------|--------|------------|
| Optimum H - Black hard anodized | 24         | 6 splices       | 510                             | DW2             | -      | on request |
| Optimum H - Black hard anodized | 24         | 6 splices       | 515                             | DW2 + DW4 + DW7 | 275    | 34244S     |
| 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 rivnuts       | 515                             | SW1             | 270    | 32244R     |

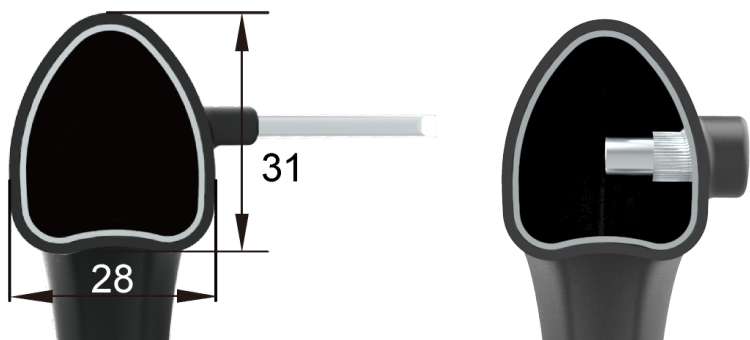


**omobic** optimum





# Optimum ZF with anti-slip coating



- Optimal for users with reduced hand strength
- Available with 6 splices (39210Q) or 6 rivnuts
- 1,5 mm anti-slip coating, Lizard grip

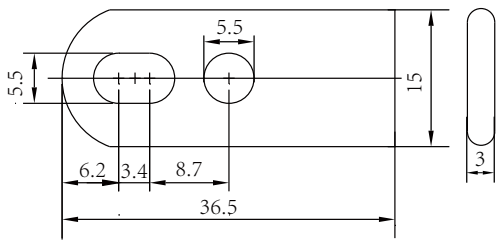
| Surface treatment              | Wheel Size | Type of fitting | SD / Rivnut Fitting distance | Fit Rim Type    | Weight g | Item no. Produced in Poland |
|--------------------------------|------------|-----------------|------------------------------|-----------------|----------|-----------------------------|
| Optimum ZF – Anti-slip Coating | 24"        | 6 splices       | 510                          | DW2             | –        | on request                  |
| Optimum ZF – Anti-slip Coating | 24"        | 6 splices       | 515                          | DW2 + DW4 + DW7 | 560      | 3424F5-D                    |
| Optimum ZF – Anti-slip Coating | 25"        | 6 splices       | 535                          | DW2 + DW4 + DW7 | 550      | 3425F5-D                    |
| Optimum ZF – Anti-slip Coating | 26"        | 6 splices       | 565                          | DW2 + DW4 + DW7 | 560      | 3426F5-D                    |
| Optimum ZF – Anti-slip Coating | 24"        | 6 rivnuts       | 515                          | SW1             | 535      | 32244M-D                    |
| Optimum ZF – Anti-slip Coating | 24"        | 6 rivnuts       | 520                          | DW5             | 550      | 32244N-D                    |

# Optimum Z




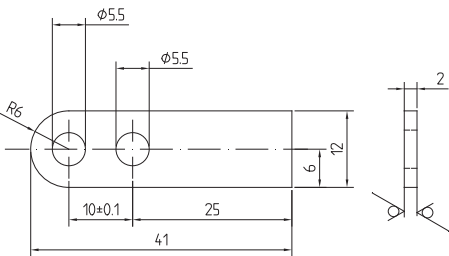
- The large and ergonomic shape gives the user a good and comfortable grip
- Available with 6 splices (39210Q)
- Black hard anodized aluminium – very scratch resistant

| Surface treatment                | Wheel Size | SD Fitting distance | Fit Rim Type    | Weight | Item no.   |
|----------------------------------|------------|---------------------|-----------------|--------|------------|
| Optimum ZH – black hard anodized | 24         | 510                 | DW2             | –      | on request |
| Optimum ZH – black hard anodized | 24         | 515                 | DW2 + DW4 + DW7 | 275    | 3424F5     |



# Handrims Titanium

## Titanium – brushed

- Very durable, yet lightweight
- Brushed, luxury looking surface
- 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. Brushed |
|------------|------------------------|----------------------|----------|-----------|-------------------|
| 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            |



Looking for  
something  
special?

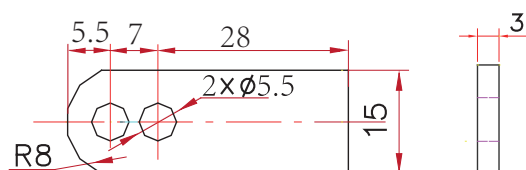
Ask sales for  
customized  
handrims!



# Aluminium handrims

## Special features

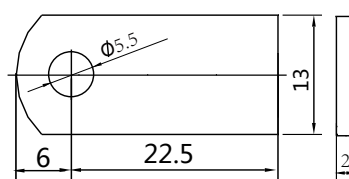
### Black hard anodized aluminium



- Very scratch resistant
- 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 |
|------------|------------------------|---------------|----------|-----------|-------------|---------------------|
| 24"        | 510                    | DW2           | -        | 6 splices | 392114      | on request          |
| 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         |
| 25"        | 535                    | DW4 & DW7            | 221      | 6 splices | 342577          | 342503         |

# Aluminium handrims

## Coated for extra grip

### Standard grip (893201)

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

### Lizard grip – Extra sticky (893204)

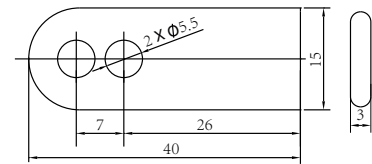
- Extra sticky – good for sport
- Black foam 65 SHA
- Based on PVC
- Thickness 1 mm
- Fulfill all EU regulations
- 0,7 friction coefficient



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

| Wheel Size | SD / rivnuts fitting distance (mm) | Fit rim types | Weight g | Fitting   | Standard Grip | Lizard Grip Produced in Poland |
|------------|------------------------------------|---------------|----------|-----------|---------------|--------------------------------|
| 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                         |
| 25"        | 530                                | DW2           | 585      | 6 splices | 3425D5        | -                              |

Other sizes on request

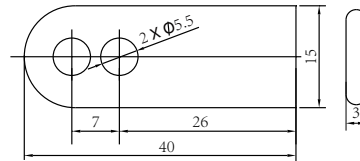




# Aluminium handrims

## The classics

### Aluminium

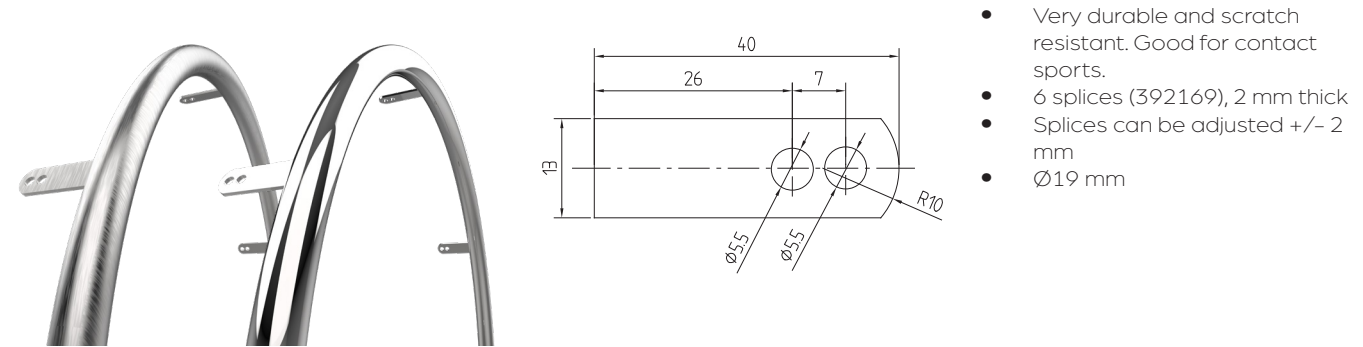


- Ø19 x 1,25
- Splices (392115) with two holes
- Extra long splices used for handrims which fit the Buddy wheels
- Splices can be adjusted +/- 2 mm

| Wheel Size | SD /rivnut fitting distance (mm) | Fit rim types | Weight g | Fitting   | Splice Type | Silver anodized | Black anodized |
|------------|----------------------------------|---------------|----------|-----------|-------------|-----------------|----------------|
| 20"        | 434                              | SW1           | 292      | 6 splices | 392115      | 342051          | 342052         |
| 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"        | 567                              | DW4 & DW7     | 374      | 6 splices | 392115      | 342655          | 342656         |
| 26"        | 573                              | SW1           | 378      | 6 splices | 392115      | 342651          | 342652         |
| 22"        | 469                              | DW5           | 298      | 6 rivnuts | -           | 322284          | 322285         |
| 24"        | 515                              | SW1           | 327      | 6 rivnuts | -           | 322452          | 322450         |
| 24"        | 520                              | DW5           | 330      | 6 rivnuts | -           | 322495          | 32240BX        |
| 25"        | 539                              | DW5           | 341      | 6 rivnuts | -           | 322595          | 322594         |

# Handrims

## Stainless Steel



| Wheel Size | SD fitting distance mm | Fit Omobic rim types | Weight g | Fitting   | Shiny polished | Brushed    |
|------------|------------------------|----------------------|----------|-----------|----------------|------------|
| 22"        | 466                    | DW4 & DW7            | 668      | 6 splices | 352258         | on request |
| 22"        | 472                    | SW1                  | 676      | 6 splices | 352272         | 352262     |
| 24"        | 510                    | DW2                  | 727      | 6 splices | 352478         | 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 |





# Handrim fitting options

## Fitting options – Double wall rims

### TYPE A:

Handrim with splices fitted on rim with rivnuts



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

## Fitting options – Single wall rims

### TYPE B:

Handrim with splices fitted with screw and lock nut



- necessary to remove tyre and tube to exchange handrim

### TYPE C:

Handrim with rivnuts fitted with anchor-plates



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





# REAR WHEELS

MagniLite 22

SkyLite 24

DayLite 28

SmartLite 30

Tensio Ray 36

Cyclone 40

Hurricane 42

Off-Road Challenger 44

Off -Road Buddy 48

Off-Road Voyager 50

Disc Brake 45



# 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. This wheel is extremely light and easy to handle - it simply makes life on the go way easier!





Magnesium  
(DW2)  
  
Black or white



Extra light aluminium hand-  
drim 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



24" Omobic Gazelle  
25 mm



Max load  
40 kg

## Bare wheels

| RIM COLOR | SIZE | SD diameter<br>mm | Weight<br>g | Part no.<br>Ø12mm | Part no.<br>Ø1/2" |
|-----------|------|-------------------|-------------|-------------------|-------------------|
| Black     | 24"  | 510               | 330         | 234MG1            | 234MG2            |
| White     | 24"  | 510               | 330         | On request        | On request        |

## Wheels with handrim and tyre

| RIM COLOR | SIZE | Handrim         | Weight<br>g | Part no.<br>Ø12 mm | Part no.<br>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 in titanium

| Material | Weight (g)<br>Ø12 mm / Ø1/2" | Length<br>mm | Release button<br>colour | Part. no.<br>Ø12 mm | Part. no.<br>Ø1/2" |
|----------|------------------------------|--------------|--------------------------|---------------------|--------------------|
| Titanium | 63/70                        | 103          | Black aluminium          | 6180SF              | 6181SF             |

## 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 handrim Ø19 x 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. Gazelle is optional for the 25" wheel..

## Bare wheels

| SIZE | SD diameter mm | Weight g | Part no. ø12mm | Part no. ø1/2" |
|------|----------------|----------|----------------|----------------|
| 20"  | 428            | 410      | 230US1         | 230US2         |
| 22"  | 466            | 430      | 232US1         | 232US2         |
| 24"  | 517            | 455      | 234US1         | 234US2         |
| 25"  | 536            | 490      | 235US1         | 235US2         |

## Wheels with handrim and tyre

| SIZE | Handrim         | Tyre              | Weight g | Part no. ø12 mm | Part no. ø1/2" |
|------|-----------------|-------------------|----------|-----------------|----------------|
| 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         |

\* Gazelle ultralight tyre is now available in 25" if you wish the lightest option of tyre

## Quick-release axles in steel or titanium

| Material | Weight (g) Ø12 mm / Ø1/2" | Length mm | Release button colour | Part. no. Ø12 mm | Part. no. Ø1/2" |
|----------|---------------------------|-----------|-----------------------|------------------|-----------------|
| Steel    | 92/103                    | 103       | Mirror polished       | 6180SD           | 6181SD          |
| Titanium | 63/70                     | 103       | Mirror polished       | 6180SA           | 6181SA          |

**SKYLITE**

20"-25"









## DAYLITE

24"-25"

The DAYLITE is a beautiful and elegant wheel for everyday use and an absolute favorite among many customers! The complete 24" wheel weighs only 1060 g. The radial lightweight hub was designed by MBL's founder and is now a worldwide classic. Fitted with the OMOBIC lightweight yet durable SpeedLite tyre the DAYLITE is a light, durable and stylish addition to most wheelchairs.





Black rim  
(DW4)



Extra light aluminium handrim  
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

## Bare wheels

| SIZE | SD diameter<br>mm | Weight<br>g | Part no.<br>Ø12mm | Part no.<br>Ø1/2" |
|------|-------------------|-------------|-------------------|-------------------|
| 24"  | 517               | 525         | 234L11            | 234L61            |
| 25"  | 536               | 540         | 235L11            | 235L61            |

## Wheels with handrim and tyre

| SIZE | Handrim         | Weight<br>g | Part no.<br>Ø12 mm | Part no.<br>Ø1/2" |
|------|-----------------|-------------|--------------------|-------------------|
| 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 in steel or titanium

| Material | Weight (g)<br>Ø12 mm / Ø1/2" | Length<br>mm | Release button<br>colour | Part. no.<br>Ø12 mm | Part. no.<br>Ø1/2" |
|----------|------------------------------|--------------|--------------------------|---------------------|--------------------|
| Steel    | 97/108                       | 108          | Black                    | 6180L1              | 6181L1             |
| Titanium | 66/73                        | 108          | Black                    | 6180L8              | 6181L8             |

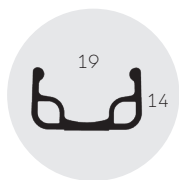
## SMARTLITE

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 handrim: 24"/1250 g)







Black rim  
(SW1)



Extra light aluminium handrim  
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

## Bare wheels

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

## Wheels with handrim and tyre

| SIZE | Handrim         | Weight<br>g | Part no.<br>Ø12 mm | Part no.<br>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 in steel or titanium

| Material | Weight (g)<br>Ø12 mm / Ø1/2" | Length<br>mm | Release button<br>colour | Part. no.<br>Ø12 mm | Part. no.<br>Ø1/2" |
|----------|------------------------------|--------------|--------------------------|---------------------|--------------------|
| Steel    | 97/108                       | 108          | Black                    | 6180L1              | 6181L1             |
| Titanium | 66/73                        | 108          | Black                    | 6180L8              | 6181L8             |



# Customized solutions

Unique solutions are often required to make the perfect wheelchair – fitted with components that meet your standards and design as a producer.

We have developed customized solutions in close collaboration with our partners for decades, and today, a large part of our production consists of those unique products.

Based on standard products, we create unique components that fit customer-specific requirements and needs.

Whether it comes to a making a special design of a front castor, a wheelchair frame curved to perfection, side guards in carbon, a push rim with tailormade dimensions – or simply a wheel in your choice of color.



# Omobic Tensio wheels with fibre spokes

You now  
have a  
choice!

## **Tensio Ray**

Anodized in Dusty Purple  
Limited edition





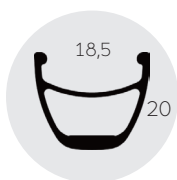
## TENSIO RAY

24" -25"

The Omobic TENSIO RAY with 12 x 3,7 mm fibre spokes obtains outstanding test results. Our cutting-edge spoke fitting method ensures lasting rim strength and lasting tension of the spokes. If you are looking for an elegant looking wheel yet strong, flexible and absorbant – then try it out! You now have a choice!







Black  
seamless rim



Aluminium handrim  
6 splices with two holes  
Black anodized  
Ø19 mm



Hub type Tensio  
Spirit  
Black or silver  
53/83 mm



12 PBO fibre spokes,  
3,7 mm



Max load  
75 kg



TPU tube

## Bare wheels

| SIZE | Hub color | SD diameter<br>mm | Weight<br>g | Part no.<br>Ø12 mm | Part no.<br>Ø1/2" |
|------|-----------|-------------------|-------------|--------------------|-------------------|
| 24"  | Silver    | 510               | 710         | F34Y2S1197         | F34Y2S2197        |
| 24"  | Black     | 510               | 710         | F34Y2S1196         | F34Y2S2196        |
| 25"  | Silver    | 530               | 730         | F35E1F2205         | F35E2F2205        |
| 25"  | Black     | 530               | 730         | F35E1F2206         | F35E2F2206        |

## Complete wheels with Traiblazer tyre, TPU tube and black anodized handrim

| SIZE      | Hub color | SD diameter<br>mm | Weight<br>g | Part no.<br>Ø12 mm | Part no.<br>Ø1/2" |
|-----------|-----------|-------------------|-------------|--------------------|-------------------|
| 24"/Right | Silver    | 510               | 1500        | F64B1F1196         | F64B1F2196        |
| 24"/Left  | Silver    | 510               | 1500        | F64B1F1197         | F64B1F2197        |
| 24"/Right | Black     | 510               | 1500        | F64B1F1194         | F64B1F2194        |
| 24"/Left  | Black     | 510               | 1500        | F64B1F1195         | F64B1F2195        |

## Quick-release axlest

| Material        | Lenght<br>mm | Release button<br>colour | Part. no.<br>Ø12 mm | Part. no.<br>Ø1/2" |
|-----------------|--------------|--------------------------|---------------------|--------------------|
| Stainless steel | 104          | Silver                   | 61821T              | 618303             |
| Stainless steel | 104          | Black                    | 61821U              | 618303-1           |

## Bushing

| Bushing | Lenght<br>mm | Part. no.<br>Ø12 mm | Part. no.<br>Ø1/2" |
|---------|--------------|---------------------|--------------------|
| M18 x 1 | 51           | 62103M              | 621139             |



## Make it your own!

Choose the tyre and handrim that fit your needs!

When MOQ is met, we can also paint or anodize the rim & hub in your preferred colors.

Please contact our sales department to find out more!







# 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 handrim is durable and generates minimum heat when braking.





Black rim  
(DW2)



Aluminium handrim  
6 splices with two holes  
Black or silver anodized



- Black anodized hub (R6) 48/70mm
- 12 black KTL steel spokes Ø3 mm



Omobic SpeedLite  
25 mm




Max load  
60 kg

## Bare wheels

| SIZE     | SD diamter<br>mm | Weight<br>g | Part no.<br>ø12 mm | Part no.<br>ø1/2" |
|----------|------------------|-------------|--------------------|-------------------|
| 24"/Ø540 | 510              | -           | 234AD3             | 234AD2            |

## Wheels with handrim and tyre (directional)

| SIZE | Handrim         | <br>g | Part no.<br>ø12 mm<br>LEFT | Part no.<br>ø12 mm<br>RIGHT | Part no.<br>ø1/2"<br>LEFT | Part no.<br>ø1/2"<br>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 in steel or titanium

| Material | Weight (g)<br>Ø12 mm / Ø1/2" | Lenght<br>mm | Release button<br>colour | Part. no.<br>Ø12 mm | Part. no.<br>Ø1/2" |
|----------|------------------------------|--------------|--------------------------|---------------------|--------------------|
| Steel    | 97/108                       | 108          | Black                    | 618254              | 618354             |
| Titanium | 66/73                        | 108          | Black                    | 61825A              | 61835A             |

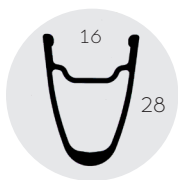
## HURRICANE 6 x 3

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 handrim  
6 splices with two holes  
Black or silver anodized  
Ø19 mm



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



Handrim fitted with  
6 round rivnuts



Max load  
60 kg



Omobic SpeedLite  
25 mm

## Bare wheels

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

## Wheels with handrim and tyre

| SIZE     | Handrim                   | Weight<br>g | Part no.<br>Ø12 mm | Part no.<br>Ø1/2" |
|----------|---------------------------|-------------|--------------------|-------------------|
| 24"/Ø540 | Silver anodized aluminium | 1530        | 264H31             | 264H81            |
| 24"/Ø540 | Black anodized aluminium  | 1530        | 264H32             | 264H82            |

## Quick-release axles in steel or titanium

| Material | Weight (g)<br>Ø12 mm / Ø1/2" | Length<br>mm | Release button<br>colour | Part. no.<br>Ø12 mm | Part. no.<br>Ø1/2" |
|----------|------------------------------|--------------|--------------------------|---------------------|--------------------|
| Steel    | 110                          | 108          | Black                    | 6180S1              | 6181S3             |
| Titanium | 75                           | 108          | Black                    | 6180S9              | 6181S9             |




**VOYAGER**  
24" (507)





# GET OUTDOOR!

Omobic  
all-terrain wheels  
will take you  
anywhere  
– also suitable  
for power  
add-ons!





## **CHALLENGER with off-set hub 24"** also available with drumbrake hub and/or cross spoking

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 handrim  
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

## Bare wheels

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

## Wheels with handrim and tyre

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

## Quick-release axles in steel or titanium

| Material | Weight (g)<br>Ø12 mm / Ø1/2" | Lenght<br>mm | Release button<br>colour | Part. no.<br>Ø12 mm | Part. no.<br>Ø1/2" |
|----------|------------------------------|--------------|--------------------------|---------------------|--------------------|
| Steel    | 97/108                       | 108          | Black                    | 618254              | 618354             |
| Titanium | 66/73                        | 108          | Black                    | 61825A              | 61835A             |

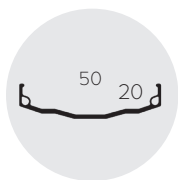
## BUDDY

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 handrim  
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

## Bare wheels

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

## Wheels with handrim and tyre

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

## Quick-release axles in steel or titanium

| Material | Weight (g)<br>Ø12 mm / Ø1/2" | Length<br>mm | Release button<br>colour | Part. no.<br>Ø12 mm | Part. no.<br>Ø1/2" |
|----------|------------------------------|--------------|--------------------------|---------------------|--------------------|
| Steel    | 97/108                       | 108          | Black                    | 618254              | 618354             |
| Titanium | 66/73                        | 108          | Black                    | 61825A              | 61835A             |

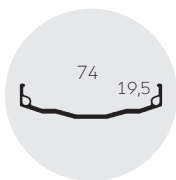
## VOYAGER (FAT WHEEL – 507)

24"

The OMOBIC Voyager FAT wheel stands as the ultimate solution for active wheel-chair users seeking unparalleled versatility. Engineered to excel in any environment and crafted with meticulous attention to detail, the OMOBIC Voyager FAT wheel boasts a robust construction built around a 507 mm rim, complemented by an offset hub configuration that ensures optimal clearance from the wheelchair's side.

Here shown with-  
out handrim and  
powdercoated in  
dark green.





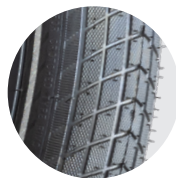
Black  
extra wide



Aluminium handrim  
6 splices with two holes  
Black anodized  
Ø19 mm



Offset hub, black  
anodized, 53/95  
36 stainless steel  
spokes 2,3 mm



Schwalbe Big Ben  
Plus (55-507) other  
DIRECTIONAL tyres  
on request



Max load  
75 kg.

## Bare wheels with rim tape

| SIZE     | SD diameter<br>mm | Weight<br>g | Part no.<br>Ø12 mm | Part no.<br>Ø1/2" |
|----------|-------------------|-------------|--------------------|-------------------|
| 24"/Ø507 | 480               | 1100        | on request         | 23F418            |

## Wheels with handrim and Scwhalbe Big Ben Plus (other tyres on request)

| SIZE     | Tyre DIRECTIONAL | Weight<br>g | Part no.<br>Ø12 mm | Part no.<br>Ø1/2" |
|----------|------------------|-------------|--------------------|-------------------|
| 24"/Ø507 | LEFT             | 2600        | on request         | 26F418L           |
| 24"/Ø507 | RIGHT            | 2600        | on request         | 26F418R           |

Other cool tyre  
options available!





**TENSIO**  
**HAKA ATTACK**  
24 fibre spokes





**Your  
move™**

## TENSIO HAKA ATTACK with fibre spokes

### 25"

Developed with profesional athletes the Tensio Haka Attack is the optimal choice for a forward rugby player. The Tensio Haka Attack is strong and durable ad the inte-grated super impact resistant spokeguard will protect the wheel optimally. The wheel is fitted with 24 fibre spokes which provide great maneuvrability on the field.

#### Spokeguard

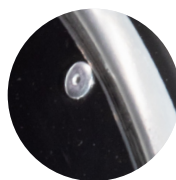
Made of 4 mm thick and extremely impact resistant poliethylene which protects the wheel optimally when the wheel is hit from the side.







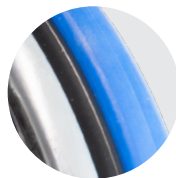
Black Remerx  
Jumbo rim



Aluminum handrim with  
reinforcement ring.  
Ø16 mm x 1,5 mm.  
6 splices. Closely fitted to  
the rim for a very impact  
resistant wheel.



Black Tensio Ray  
hub for 5/8" QR axle.  
24 fibre spokes



Tufo tubeless. Easy  
running tyre with  
an asymmetrically  
designed center tread  
which matches the  
wheel cambering angle.



Max load  
75 kg



24 PBO fibre spokes,  
3,7 mm

## Wheels with handrim, tyre & spokeguard

| SIZE     | SD diameter<br>mm | Weight<br>g | Part no.<br>5/8" |
|----------|-------------------|-------------|------------------|
| 25"/Ø559 | 528               | 3080        | 26R5AF02         |

## Quick-release axle in steel

| Material | Lenght<br>mm | Release button<br>colour | Part. no.<br>Ø5/8" |
|----------|--------------|--------------------------|--------------------|
| Steel    | 113          | Black                    | 6181XR             |

We also offer Rugby wheels with **steel spokes**. Please contact our sales department for more information

## TENSIO HAKA DEFENCE with fibre spokes

### 25"

Developed with profesional athletes the Tensio Haka Defence is designed for a defender! The Tensio Haka Defence is strong and durable and super impact resistant spokeguard will protect the wheel optimally. The wheel is fitted with 24 fibre spokes which provide great maneuverability on the field. Our steel handrim with a resistant coating provides high friction which assures an excellent grip when fast reactions are required.

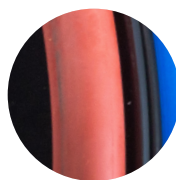
#### Spokeguard

Made of 4 mm thick and extremely impact resistant poliethylene which protects the wheel optimally when the wheel is hit from the side.





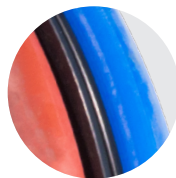
Black Remerx  
Jumbo rim



Steel handrim with durable  
and high friction coating.  
6 splices.



Black Tensio Ray  
hub for 5/8" QR axle.  
24 fibre spokes



Tufo tubeless. Easy  
running tyre with  
an asymmetrically  
designed center tread  
which matches the  
wheel cambering angle.



Max load  
75 kg



24 PBO fibre spokes,  
3,7 mm

## Wheels with handrim, tyre & spokeguard

| SIZE     | SD diameter<br>mm | Weight<br>g | Part no.<br>5/8" |
|----------|-------------------|-------------|------------------|
| 25"/Ø559 | 528               | 3895        | 26R5DF02         |

## Quick-release axle in steel

| Material | Lenght<br>mm | Release button<br>colour | Part. no.<br>Ø5/8" |
|----------|--------------|--------------------------|--------------------|
| Steel    | 113          | Black                    | 6181XR             |

We also offer Rugby wheels with **steel spokes**. Please contact our sales department for more information



## 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 handrim & tyre – without disc-brake



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

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



Black rim (SW1)



Silver anodized aluminium handrim with 6 splices and two holes. Ø19 mmt



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



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



Max load for the system  
120 kg



Omobic SpeedLite 25 mm

## Complete wheels with brake handle – engaged by the attendant



- Disc-brake system with Ø120 mm rotor
- 12 or 12,77 mm QR axle
- Mounting clamps included (left or right side)
- NB! Item no is for ONE wheel
- Brake handle 69DHD1 (left) 69DHD2 (right) included

| SIZE     | AXLE            | BRAKE HANDLE   | Weight<br>g | Part no.<br>ONE wheel<br>RIGHT side | Part no.<br>ONE wheel<br>LEFT side |
|----------|-----------------|----------------|-------------|-------------------------------------|------------------------------------|
| 24"/Ø540 | 12 mm QR axle   | 69DHD1 (left)  | 2330        | 69D02R                              | 69D02L                             |
| 24"/Ø540 | 12,7 mm QR axle | 69DHD2 (right) | 2330        | 69D06R                              | 69D06L                             |

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

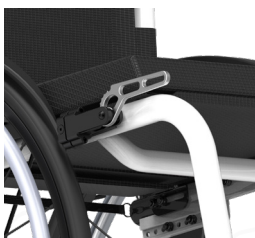


- Disc-brake system with Ø120 mm rotor
- 12 mm QR axle
- Including brake handle 67103M
- Mounting clamps included (left or right side)
- NB! Item no is for ONE wheel
- Brake handle 69DHD1 (left) 69DHD2 (right) included

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

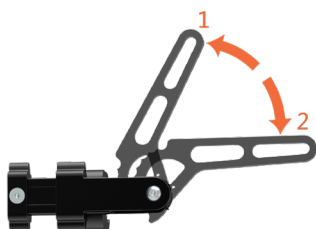


## Set of wheels with two cables in 1 brake handle – engaged by the user



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

| SIZE     | AXLE          | BRAKE HANDLE                     | Weight<br>g | Part no. TWO wheels<br>Mounting clamp for han-<br>dle RIGHT side | Part no. TWO wheels<br>Mounting clamp for han-<br>dle LEFT side |
|----------|---------------|----------------------------------|-------------|--|---|
| 24"/Ø540 | 12 mm QR axle | 67103M (left) and 67103N (right) | 2330        | 69D10R   | 69D10L  |



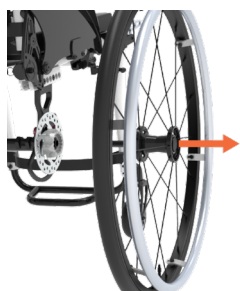
Position 1: Parking brake engaged  
Position 2: Parking brake not engaged



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.



OMOBIC

+

+





# FRONT WHEELS & FORKS

Lotus Fibrecore 64

Lotus Alucore 65

Tristar Alucore 65

Forks with suspension 66

Forks in aluminium 69



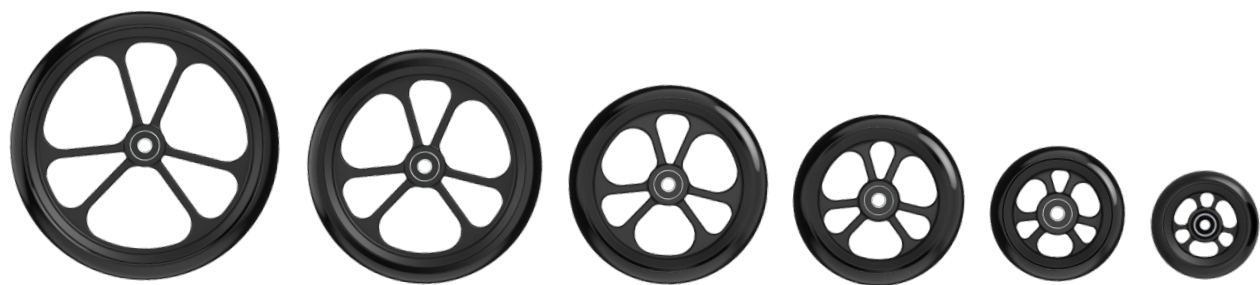
# LOTUS FIBRECORE







## 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 | <br>mm | <br>mm | <br>mm | <br>mm | <br>g | <br>kg | 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 |

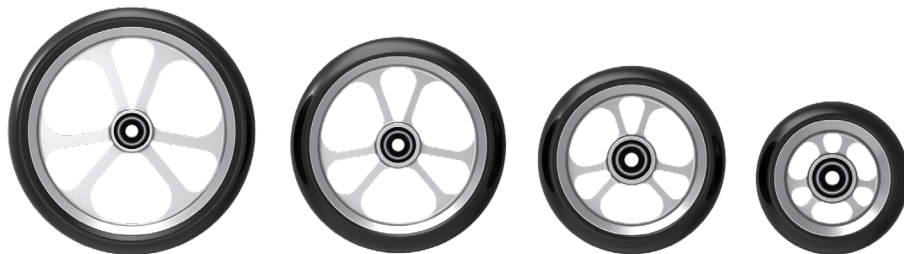








38 mm

| SIZE | <br>mm | <br>mm | <br>mm | <br>mm | <br>g | <br>kg | 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 |

## 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.









| Color rim       | SIZE |  mm |  mm |  mm |  mm |  g |  kg | 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 |

## TRISTAR ALUCORE 4"-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 or black anodized aluminium, but can be anodized in any color if MOQ is met.



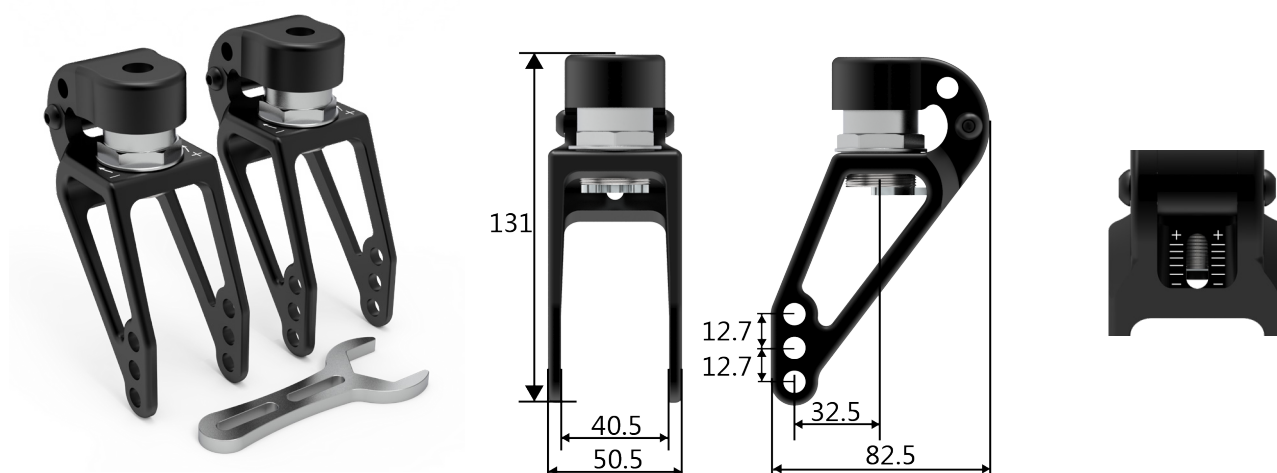
| SIZE |  mm |  mm |  mm |  mm |  g |  kg | Black    | Polished |
|------|--|--|--|--|---|--|----------|----------|
| 4"   | 100  | 35,3/1,4"  | ø8   | 26   | 255   | 50   | 1504A9-B | 1504A9   |
| 5"   | 125  | 35,3/1,4"  | ø8   | 26   | 325   | 50   | 1505A9-B | 1505A9   |
| 6"   | 150  | 35,3/1,4"  | ø8   | 26   | 385   | 50   | 1506A9-B | 1506A9   |

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

To be customized to the chair

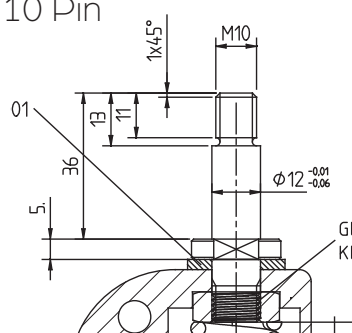
The Jazz front castors absorb shocks and reduce rolling resistance when driving on uneven surfaces. On the JAZZ fork it is very easy to adjust the level of suspension to fit the users weight and the terrain which makes it very user-friendly.

- For wheel sizes 3" - 6"
- The JAZZ fork comes with a caster stem and needs to be customized in order to fit the chair
- Suitable for all manual wheelchairs with bearing housings fitted on the frame

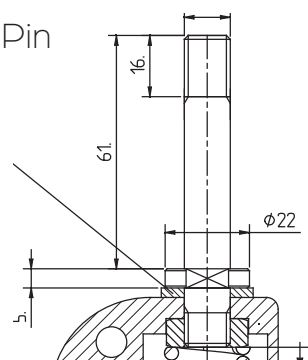


| Description  | Weight<br>g | Part. no. |
|--|-------------|-----------|
| SINGLE fork assembled with axle D12/ M10, without assembly wrench      | -           | 6540A1    |
| SINGLE fork assembled with axle D12/ M10, with assembly wrench         | -           | 6580A1    |
| SET of two forks assembled with axle D12/M12, with one assembly wrench | -           | 6580A2    |
| SET of two forks without axle, with one assembly wrench                | -           | 65801U    |
| SINGLE fork without axle   | 307         | 65455S    |
| Assembly wrench  | -           | 65454Y    |

M10 Pin



M12 Pin







## JAZZ


Front fork with adjustable suspension

# 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.

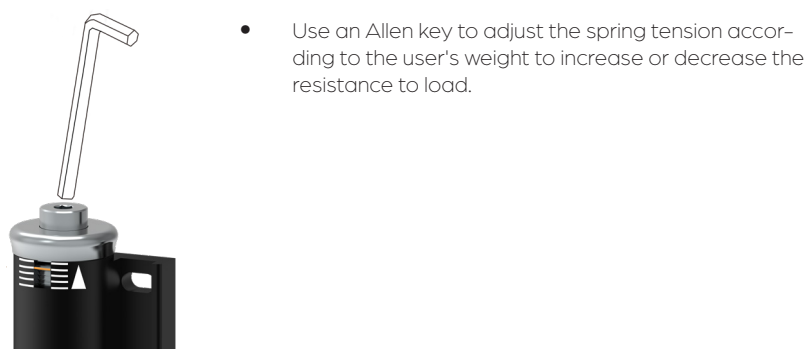
### SWING-A



### SWING-B



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





# 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 ø 8,2 mm
- Pin hole 12 or 14 mm
- Black anodized

| Inner width<br>W (mm) | Height<br>H (mm) | Top thickness<br>T (mm) | Outer width<br>(mm) | Weight<br>g | Part. no. M12 |        | Part. no. M14 |        |
|-----------------------|------------------|-------------------------|---------------------|-------------|---------------|--------|---------------|--------|
|                       |                  |                         |                     |             | 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 ø8,2 mm
- Pin hole 12 or 14 mm
- Black anodized

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



## MAX

- Max size of wheel: 10"
- Side holes 4 x ø8,2 mm
- Pin hole 12 or 14 mm
- Black anodized

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





# VARIOUS

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Uni-lock brake 81



# Tyres

## GAZELLE

- Ultralight
- 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
- Psi: 85-145, recommended 110
- Bar: 6.0-10.0, recommended 7.5
- Max load 70 kg



| Size     | ETRTO  | Weight approx. g | Part no. |
|----------|--------|------------------|----------|
| 24" x 1" | 23-540 | 195 g +/- 10 g   | 41240A   |
| 25" x 1" | 23-559 | 200 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
- Psi: 85-145, recommended 110
- Bar: 6.0-10.0, recommended 7.5
- Max load 70 kg



| Size     | ETRTO  | Weight approx. g | Part no. |
|----------|--------|------------------|----------|
| 20" x 1" | 25-451 | 245 (+/- 15 g)   | 41200B   |
| 22" x 1" | 25-489 | 260 (+/- 15 g)   | 41220B   |
| 22" x 1" | 25-501 | 265 (+/- 15 g)   | 41220BL  |
| 24" x 1" | 25-540 | 265 (+/- 15 g)   | 41240B   |
| 25" x 1" | 25-559 | 280 (+/- 15 g)   | 41250B   |
| 26" x 1" | 25-590 | 300 (+/- 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
- Psi: 85-145, recommended 110
- Bar: 6.0-10.0, recommended 7.5
- Max load 70 kg



| Size     | ETRTO  | Weight approx. g | Part no. |
|----------|--------|------------------|----------|
| 20" x 1" | 25-451 | 410 g (+/-30 g)  | 41200C   |
| 22" x 1" | 25-489 | 440 g (+/-30 g)  | 41220C   |
| 22" x 1" | 25-501 | 455 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 | 536 g (+/-30 g)  | 41260C   |

Our popular Cyclone wheel fitted with Omobloc SpeedLite.



## **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)

| Description            | 20"                               | 22"      | 24"      | 25"       | 26"      |
|------------------------|-----------------------------------|----------|----------|-----------|----------|
| Box with tube and tape | 45200B-P                          | 45220B-P | 45240B-P | 45240B-P1 | 45250B-P |
| TPU tube               | 45200B                            | 45220B   | 45240B   | 45250B    | 45250B   |
| Rim tape               | 492911                            | 492912   | 492914   | 492914    | 492916   |
| Empty box              | Same item number for all: 92908EA |          |          |           |          |
| Tyre patch             | Same item number for all: 4526000 |          |          |           |          |

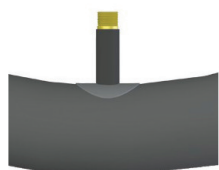
## Tubes for GAZELLE and SPEEDLITE

| Size     | ETRTO  | Valve            | Part no. INNOVA | Part no. CST |
|----------|--------|------------------|-----------------|--------------|
| 20" x 1" | 25-451 | Shrader/straight | 452005          | -            |
| 22" x 1" | 25-489 | Shrader/straight | 452202          | -            |
| 24" x 1" | 25-540 | Shrader/straight | 452406          | 452401       |
| 25" x 1" | 25-559 | Shrader/straight | 452501          | -            |
| 26" x 1" | 25-590 | Shrader/straight | 452601          | -            |

## Tubes for TRAILBLAZER

| Size     | ETRTO      | Valve            | Part no. INNOVA | Part no. CST |
|----------|------------|------------------|-----------------|--------------|
| 20" x 1" | 25-451     | Shrader/straight | 452019          | -            |
| 22" x 1" | 25-489/501 | Shrader/straight | 452219          | -            |
| 24" x 1" | 25-540     | Shrader/straight | 452419          | 452401       |
| 25" x 1" | 25-559     | Shrader/straight | 452519          | -            |
| 26" x 1" | 25-590     | Shrader/straight | 452619          | -            |

## Valve type



Schrader / Car valve



# Quick-release axles in titanium

Compared to steel they are:

- 42% lighter
- more corrosion resistant

Please contact sales if you are interested in this product. We have various options for push buttons. Other lengths and diameters of the QR axle can be produced on request.



| For hub type | For wheel name             | Weight (g)<br>Ø12 mm / Ø1/2" | Length<br>mm | Release button<br>colour | Part. no.<br>Ø12 mm | Part. no.<br>Ø1/2" |
|--------------|----------------------------|------------------------------|--------------|--------------------------|---------------------|--------------------|
| R5           | MagniLite, SkyLite         | 63/70                        | 103          | Black                    | 6180SF              | 6181SF             |
| R5           | MagniLite, SkyLite         | 63/70                        | 103          | Mirror polished          | 6180SA              | 6181SA             |
| R6, F5       | Challenger, Buddy, Cyclone | 66/73                        | 108          | Black                    | 61825A              | 61835A             |
| R1           | SmartLite, DayLite         | 66/73                        | 108          | Black                    | 6180L8              | 6181L8             |
| R4, F3       | Cyclone                    | 66/73                        | 108          | Black                    | 6180S9              | 6181S9             |

# Compact and lightweight air inflator

**Its advantage over traditional solutions are many:**

- The inflator measures only 234 x 57 x 45 mm
- Weight: 430 g
- Easy use, it inflates the air automatically. All you need is to press the button
- No battery requirement. The air inflator is charged from a socket (type-C input). Charging time 2 hours
- Up to 10BAR inflating
- Due to the fact that the set contains adapters for different types of valves, the air inflator has a wide range of purposes
- The above features of our inflator give the user the possibility to instantly inflate deflated wheelchair wheels and regain mobility and independence

Charging cable, inflating attachment with valve type and ball converters and users manual are included with the product.



| Description  | Part no. |
|--|----------|
| Air inflator A10, Black, Max Pressure: 150 PSI, with LED display | EBE01D-O |

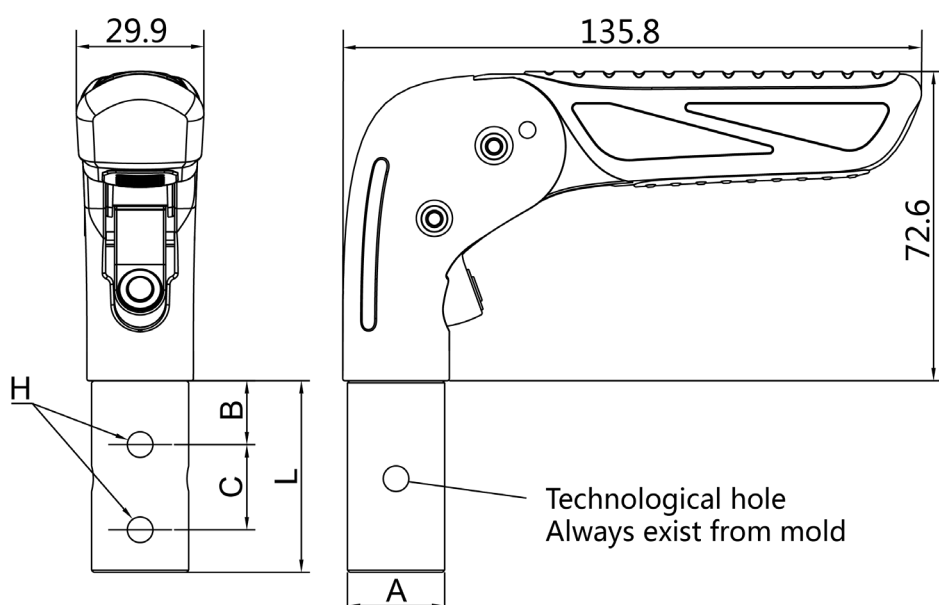
# TRIP

## 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<br>Tube diameter<br>mm | B<br>mm | C<br>mm | H<br>mm | L<br>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<br>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<br>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    |

## Unlock 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  |









# Growing stronger together.

Collaborating closely together is how we boost our partners' businesses — while boosting our very own.

We believe in the power of growing together. In creating win-win results. For decades. And over the years, we've grown together with some of the industry's leading producers and wholesalers.

As a trusted and market-leading partner, we have the engineering expertise, production setup, and portfolio to match every need. With state-of-the-art technology and superior quality testing.

However, what truly makes us — and our partners — stand out is our can-do mentality. Our involvement. Our flexibility. We're problem solvers by nature, and designing new and smarter solutions is what ignites our engineering fire — and fuels our shared journey forward.





**View our solutions  
for standard and  
powered  
wheelchairs on  
MBL.dk**



**mbi.dk**  
**omobic.eu**

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