

2022
ENGLISH



life changing
products



CATALOGUE 2022

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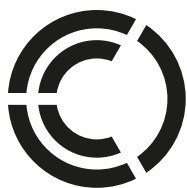
EXPERIENCE MEETS PASSION

CarboLife develops and manufactures high-quality products from innovative composite materials, based on our many years of scientific experience. We have acquired our expertise in practical, lightweight construction through years of engineering work in projects for the aerospace, automotive and shipping industries.

The "USP" of our company, based in Dresden, is bringing together the fields of lightweight construction and rehabilitation technology. Lightweight materials such as Carbon are the foundation of our products.

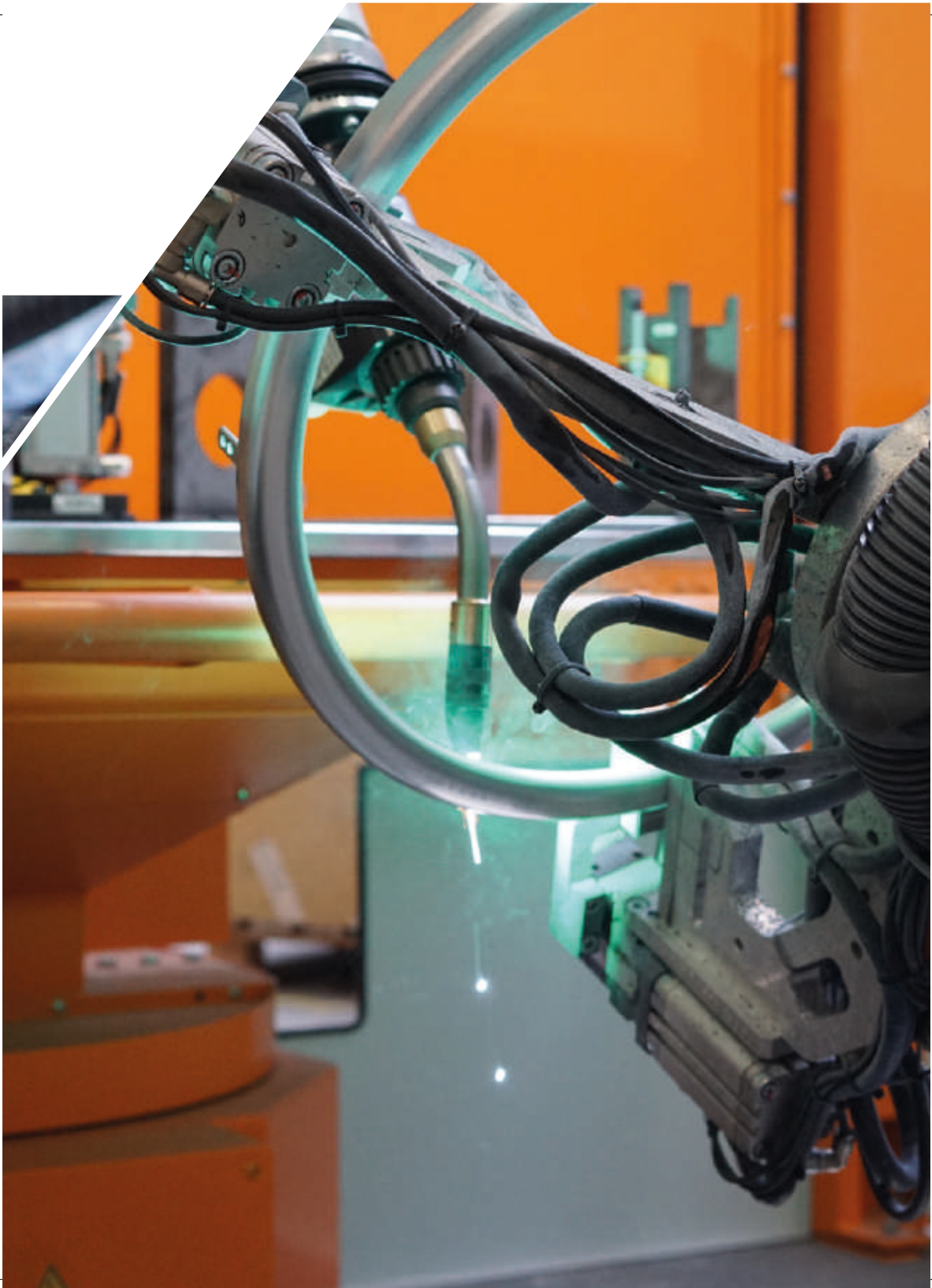
Our aim is to combine functionality with aesthetic design, because our hand rims are your constant companions all day long. With our experience in lightweight construction we create products that are light, function well and look great.





High-tech manufacturing









**Perfect ergonomics
with every push.**





Handrims for Paraplegics

complete hand function with **full** hand power

complete hand function with **reduced** hand power

HAND SIZE

small

large

small

large



Curve



Curve L



Gekko S
with silicon strip



Gekko & Gekko Sport
with silicon strip



HANDRIMS OVERVIEW

Handrims for Tetraplegics

limited hand
function **with**
Triceps function

limited hand
function **without**
Triceps function



**Curve
Tetra Grip**
profile size 28 mm |
strong grip



**Curve L
Tetra Grip**
profile size 34 mm |
maximum grip



Quadro
maximum grip



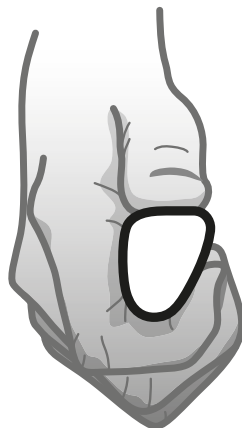


**like nothing
you have
ever driven
before!**

CURVE & CURVE L



Curve



Curve L

Benefits

The innovative shape of the rim enables the hand to grip efficiently and with control. This means you can transmit maximum power using less energy, whilst keeping the wrist stable. Compared with conventional handrims, the hand muscles tire less quickly, thus reducing the occurrence of cramps and pain (e.g. in carpal tunnel syndrome) and creating a relaxed pushing experience.

Suitable for

wheelchair users with complete hand function.

Recommendation for profile size and coating

To meet different needs, we developed two profile sizes. We designed the 24mm high profile for wheelchair users with smaller hands. The Curve L with a height of 31mm is designed for normal-sized or larger hands. Weighing just 330g or 470g, these are the lightest, most ergonomic push rims in the world made from anodised aluminium.



ORDER NUMBERS CURVE

Curve | powder-coated | 6 rivet nuts

22"*	bolt circle diameter: 461 mm	black	22AG661P21
24"*	bolt circle diameter: 515 mm	black	24AG615P21
24"*	bolt circle diameter: 520 mm	black	24AG620P21

Curve | anodised | 6 rivet nuts

22"	bolt circle diameter: 461 mm	black	22AG661E21
24"	bolt circle diameter: 502 mm	black	24AG600E21
24"	bolt circle diameter: 515 mm	black	24AG615E21
24"	bolt circle diameter: 520 mm	black	24AG620E21
25"	bolt circle diameter: 539 mm	black	25AG639E21

Curve | powder-coated | 6 tabs

22"*	tab distance: 465 mm	black	22AL665P21
22"*	tab distance: 472 mm	black	22AL673P21
24"	tab distance: 512 mm	black	24AL615P21
25"*	tab distance: 535 mm	black	25AL635P21

Curve | anodised | 6 tabs

22"	tab distance: 465 mm	black	22AL665E21
24"	tab distance: 512 mm	black	24AL615E21
24"	tab distance: 523 mm	black	24AL623E21
25"	tab distance: 535 mm	black	25AL635E21

***Available while stocks last.**

ORDER NUMBERS

CURVE L

Curve L | anodised | 6 rivet nuts

22"	bolt circle diameter: 461 mm	black	22LG661E21
22"	bolt circle diameter: 461 mm	silver	22LG661E31
24"	bolt circle diameter: 502 mm	black	24LG600E21
24"	bolt circle diameter: 502 mm	silver	24LG600E31
24"	bolt circle diameter: 515 mm	black	24LG615E21
24"	bolt circle diameter: 515 mm	silver	24LG615E31
24"	bolt circle diameter: 520 mm	black	24LG620E21
25"	bolt circle diameter: 539 mm	silver	25LG639E31
25"	bolt circle diameter: 539 mm	black	25LG639E21

Curve L | anodised | 6 tabs

22"	tab distance: 465 mm	black	22LL665E21
22"	tab distance: 465 mm	silver	22LL665E31
24"	tab distance: 515 mm	black	24LL615E21
24"	tab distance: 512 mm	silver	24LL615E31
24"	tab distance: 523 mm	black	24LL623E21
24"	tab distance: 523 mm	silver	24LL623E31
25"	tab distance: 535 mm	black	25LL635E21
25"	tab distance: 535 mm	silver	25LL635E31
26"	tab distance: 565 mm	black	26LL665E21
26"	tab distance: 565 mm	silver	26LL665E31
26" *	tab distance: 576 mm	black	26LL676E21



revolutionary
in design and
ergonomics

GEKKO S & GEKKO



Gekko S



Gekko

Benefits

Perfect ergonomics and excellent grip with low weight make the Gekko a unique, revolutionary handrim. The fully integrated, robust and replaceable silicone strip ensures excellent pushing characteristics of the handrim and offers unparalleled pushing comfort without leaving marks on your skin. In addition, the anodised, low-friction surface on the sides reduces heat generation when braking.

Suitable for

wheelchair users with complete hand function and either complete or limited hand strength.

Recommendation for profile size

We recommend the Gekko S to users with small hands and to children. With these handrims children learn how to push correctly from an early age.

ORDER NUMBERS

GEKKO S

Gekko S | 6 rivet nuts

22"	bolt circle diameter: 461 mm	black	22SG661E21
22"	bolt circle diameter: 461 mm	silver	22SG661E31
24"	bolt circle diameter: 502 mm	black	24SG600E21
24"	bolt circle diameter: 502 mm	silver	24SG600E31
24"	bolt circle diameter: 515 mm	black	24SG615E21
24"	bolt circle diameter: 515 mm	silver	24SG615E31
25"	bolt circle diameter: 539 mm	black	25SG639E21
25"	bolt circle diameter: 539 mm	silver	25SG639E31

Gekko S | 6 tabs

22"	tab distance: 465 mm	black	22SL665E21
22"	tab distance: 465 mm	silver	22SL665E31
24"	tab distance: 512 mm	black	24SL615E21
24"	tab distance: 512 mm	silver	24SL615E31
24"	tab distance: 523 mm	black	24SL623E21
24"	tab distance: 523 mm	silver	24SL623E31
25"	tab distance: 535 mm	black	25SL635E21
25"	tab distance: 535 mm	silver	25SL635E31
26"	tab distance: 565 mm	black	26SL665E21
26"	tab distance: 565 mm	silver	26SL665E31

Gekko S | Replaceable silicone strips

22"	Silicone strip	black	22SGP21
24"	Silicone strip	black	24SGP21
25"	Silicone strip	black	25SGP21
26"	Silicone strip	black	26SGP21

ORDER NUMBERS

GEKKO

Gekko | 6 rivet nuts

22"	bolt circle diameter: 461 mm	black	22GG661E21
22"	bolt circle diameter: 461 mm	silver	22GG661E31
24"	bolt circle diameter: 502 mm	black	24GG600E21
24"	bolt circle diameter: 502 mm	silver	24GG600E31
24"	bolt circle diameter: 515 mm	black	24GG615E21
24"	bolt circle diameter: 515 mm	silver	24GG615E31
25"	bolt circle diameter: 539 mm	black	25GG639E21
25"	bolt circle diameter: 539 mm	silver	25GG639E31

Gekko | 6 tabs

22"	tab distance: 465 mm	black	22GL665E21
22"	tab distance: 465 mm	silver	22GL665E31
24"	tab distance: 512 mm	black	24GL615E21
24"	tab distance: 512 mm	silver	24GL615E31
24"	tab distance: 523 mm	black	24GL623E21
24"	tab distance: 523 mm	silver	24GL623E31
25"	tab distance: 535 mm	black	25GL635E21
25"	tab distance: 535 mm	silver	25GL635E31
26"	tab distance: 565 mm	black	26GL665E21
26"	tab distance: 565 mm	silver	26GL665E31
26"	tab distance: 576 mm	black	26GL676E21

Gekko | Replaceable silicone strips

22"	Silicone strip	black	22GGP21
24"	Silicone strip	black	24GGP21
25"	Silicone strip	black	25GGP21
26"	Silicone strip	black	26GGP21



**more grip,
more power**



CURVE TETRA GRIP & CURVE L TETRA GRIP



Curve Tetra Grip



Curve L Tetra Grip

Benefits

This innovative profile is larger than conventional round profiles and offers tetraplegics with triceps function an optimized contact surface for significantly more power through the handrim. As a result, moving the wheelchair on flat terrain and especially uphill requires less effort, while at the same time protecting the joints and ensuring better and safer handling of the wheelchair. In combination with the durable anti-slip coating, the handrims make driving and steering your wheelchair much safer. Due to the even distribution of pressure, the handrim is less prone to heating when the wheelchair is braked.

Suitable for

tetraplegics with triceps function as well as wheelchair users with complete hand function but little hand strength.

Recommendation for profile size

Generally, we recommend using our Curve L Tetra Grip handrim to all tetraplegics with triceps function.



ORDER NUMBERS CURVE TETRA GRIP

Curve Tetra Grip | 6 rivet nuts

22"	bolt circle diameter: 461 mm	black	22AG661GT1
24"	bolt circle diameter: 502 mm	black	24AG600GT1
24"	bolt circle diameter: 515 mm	black	24AG615GT1
25"	bolt circle diameter: 539 mm	black	25AG639GT1

Curve Tetra Grip | 6 tabs



22"	tab distance: 465 mm	black	22AL665GT1
24"	tab distance: 512 mm	black	24AL615GT1
24"	tab distance: 523 mm	black	24AL623GT1
25"	tab distance: 535 mm	black	25AL635GT1



***Available while stocks last.**

ORDER NUMBERS

CURVE L TETRA GRIP

Curve L Tetra Grip | 6 rivet nuts

22"	bolt circle diameter: 461 mm	black	22LG661GT1
24"	bolt circle diameter: 502 mm	black	24LG600GT1
24"	bolt circle diameter: 515 mm	black	24LG615GT1
25"	bolt circle diameter: 539 mm	black	25LG639GT1

Curve L Tetra Grip | 6 tabs

22"	tab distance: 465 mm	black	22LL665GT1
24"	tab distance: 512 mm	black	24LL615GT1
24"	tab distance: 523 mm	black	24LL623GT1
25"	tab distance: 535 mm	black	25LL635GT1
26"	tab distance: 565 mm	black	26LL665GT1
26"	tab distance: 576 mm	black	26LL676GT1



**setting
new limits**



QUADRO

Benefits

The profile of the Quadro handrim, which is specially adapted to the biomechanics of tetraplegics without triceps function, offers a much larger contact surface than conventional handrims. In combination with the extremely robust anti-slip coating, it provides grip and efficiency during propulsion as well as maximum control when braking and correcting the direction of travel.



Suitable for

tetraplegics without triceps function.

Quadro

Quadro | 6 rivet nuts

22"	bolt circle diameter: 461 mm	black	22QG661GT1
24"	bolt circle diameter: 502 mm	black	24QG600GT1
24"	bolt circle diameter: 515 mm	black	24QG615GT1
25"	bolt circle diameter: 539 mm	black	25QG639GT1

Quadro | 6 tabs

22"	tab distance: 465 mm	black	22QL665GT1
24"	tab distance: 512 mm	black	24QL615GT1
24"	tab distance: 523 mm	black	24QL623GT1
25"	tab distance: 535 mm	black	25QL635GT1
26"	tab distance: 565 mm	black	26QL665GT1
26"	tab distance: 576 mm	black	26QL676GT1



**the one
that makes
the Difference**



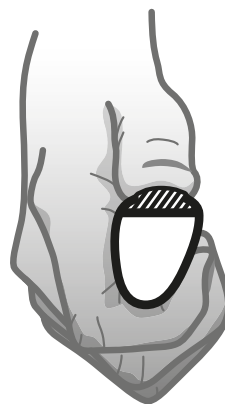
GEKKO SPORT

Benefits

Perfect ergonomics and excellent grip for exceptional wheelchair handling, plus 12 tabs for unbeatable drive wheel stability - all this is combined in the "Gekko Sport"! A big plus for the amateur and professional athlete, when it's all about maximising performance with less pain.

Suitable for

amateur and professional athletes with full hand function and with full or reduced hand strength.



Gekko Sport

Recommendation

For a wide range of sports, whether self-funded or provided via clubs and teams. (Special club offers may be available).

Gekko Sport | 12 tabs

24"	tab distance: 512 mm	anodized silver	24XL1215E31
25"	tab distance: 535 mm	anodized silver	25XL1235E31
26"	tab distance: 565 mm	anodized silver	26XL1265E31

SUPPORT GUARANTEE & CRASH REPLACEMENT

The CarboLife promise

We manufacture high-quality products for wheelchairs and also want to guarantee the best possible service and support. That's why we offer the original purchaser of CarboLife Carbon products an industry-leading 5-year warranty and a lifetime crash replacement program for our entire product line.

5-year manufacturer warranty on our carbon products

We stand for quality products "Made in Germany". For this reason we offer a 5-year manufacturer's warranty on our carbon products, against material and manufacturing faults. Product registration on www.carbolife.de within four weeks of the date of purchase is required.

Modified, misplaced, misused, improperly installed or obviously abused CarboLife carbon products are not covered by this warranty. Also, minor everyday damages such as scratches on the surface of our carbon clothing guards are not included in this warranty.

Lifelong crash replacement

We offer the original owners of our CarboLife products a lifelong crash replacement program that covers all damages outside the warranty, whether self-inflicted or from an external cause. In this case we guarantee a one-time discount of 50 % on our recommended retail price for the purchase of a new CarboLife product.

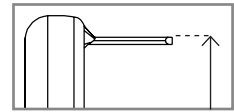
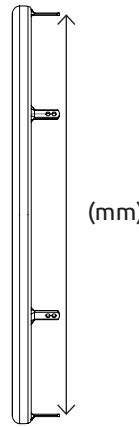
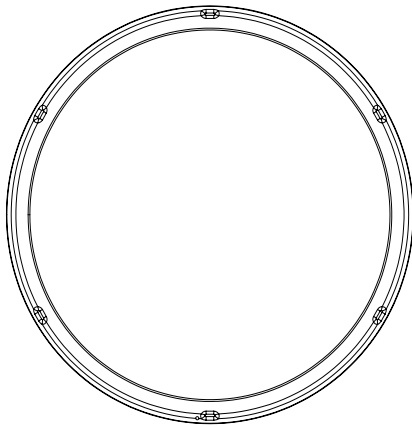
Please note that VAT, packaging, shipping, installation costs and import duties are not covered. Product registration on www.carbolife.de within four weeks of the date of purchase is required.



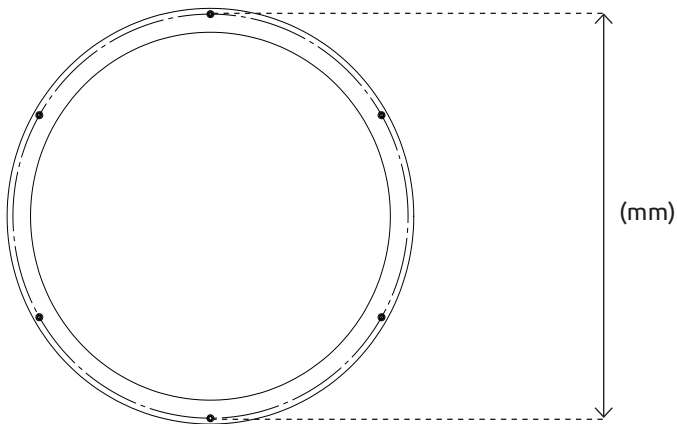


HANDRIM DIMENSIONS

Tab distance



Bolt circle diameter







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