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Alphacool Apex Grip offset 27mm 2x 90° OT/IT G1/4 rotatable black

Alphacool article number: 14814

Quick Info

The Alphacool Apex Grip fittings are built around a modular system that allows for flexible and customized connection solutions in modern custom water-cooling setups. Combined with the refined and distinctive Apex design, high-quality workmanship, and user-friendly handling, the series is an ideal choice for demanding systems.

- Modular design
- Optimized surface for better grip
- High flow performance
- Premium Apex design

Scope of delivery

1x Apex Grip offset 27mm 2x 90° OT/IT G1/4 rotatable black

We assume no responsibility for any typing errors. Alphacool International GmbH, Marienberger Strasse 1, 38122 Braunschweig Tel: (+49)0531 288 7400 Supportmail: info@alphacool.com

Technical Data

Dimensions (LxWxH)	50,50 x 23,50 x 32,25mm
Diameter	19,40mm
Material	Brass
Material Grip Surface	Silicone
Threads	2x G1/4
Thread Length	5mm
Color	black

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Product pictures	14814_Alphacool_Apex_Grip_offset_27mm_2x_90_OT-IT_G1-4_rotatable_black_pics.zip
EU-DoC / CE / RoHS	Alphacool_EuDoc_CE_RoHS_14814.pdf

Packaging dimensions per unit

L x W x H	60 x 60 x 28 mm
Weight	135 g

Other data

Certificates	CE, FC, RoHS
EAN	4250197148146
Customs code	74198090980
Guarantee	5 years

Article text

The Alphacool Apex Grip fittings are built around a modular system that allows for flexible and customized connection solutions in modern custom water-cooling setups. Combined with the refined and distinctive Apex design, high-quality workmanship, and user-friendly handling, the series is an ideal choice for demanding systems.

A defining feature of the Apex Grip series is the integrated silicone surface on the outer grip area of each fitting. It provides enhanced grip when tightening by hand and makes installation noticeably easier, especially in confined spaces with limited access. This not only improves installation comfort, but also gives the user greater control during assembly.

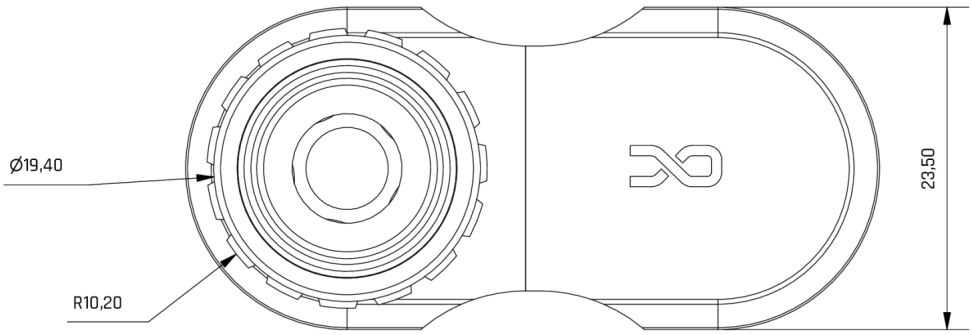
Made from high-quality brass, the fittings offer excellent stability and long-term durability. A premium coating further enhances the series by helping to prevent paint chipping while emphasizing its elegant overall appearance.

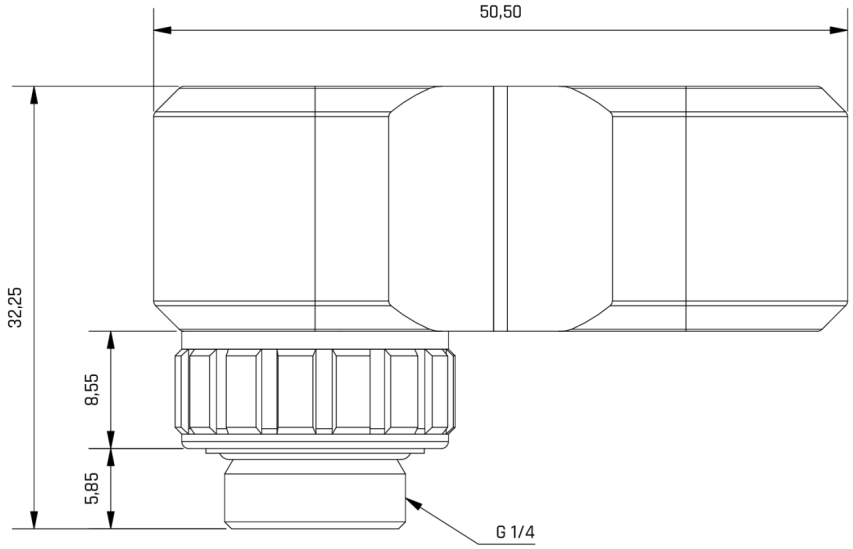
Precision manufacturing ensures a reliable seal within the cooling loop while supporting high-flow performance throughout the system. At the same time, the modular design offers a high degree of versatility, making the fittings easy to adapt to a wide range of custom water-cooling configurations.

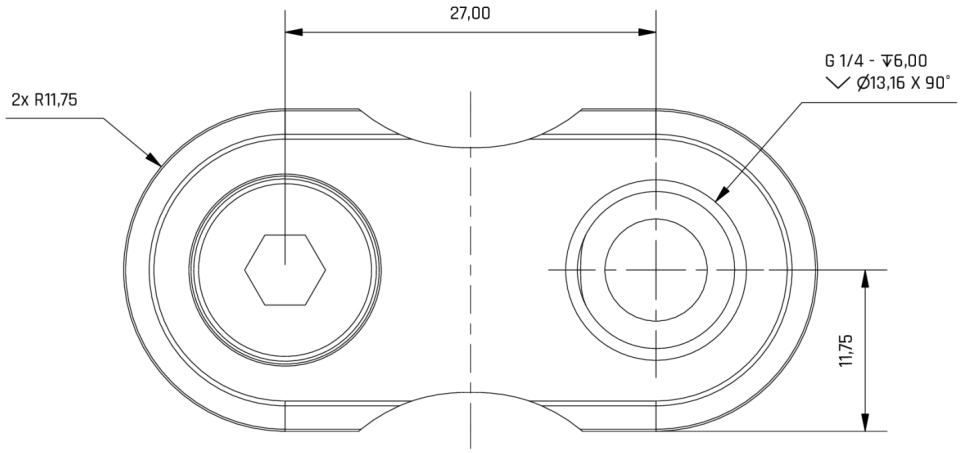
The offset fittings allow for precise alignment of the connection point. Both the offset section and the threaded head can be rotated through 360°, making it possible to position the connection exactly where needed for clean and efficient tubing or hard tube routing.

The Apex Grip fittings are the perfect choice for anyone who values comfortable handling and a refined appearance in their custom water-cooling system.

Figure (1)





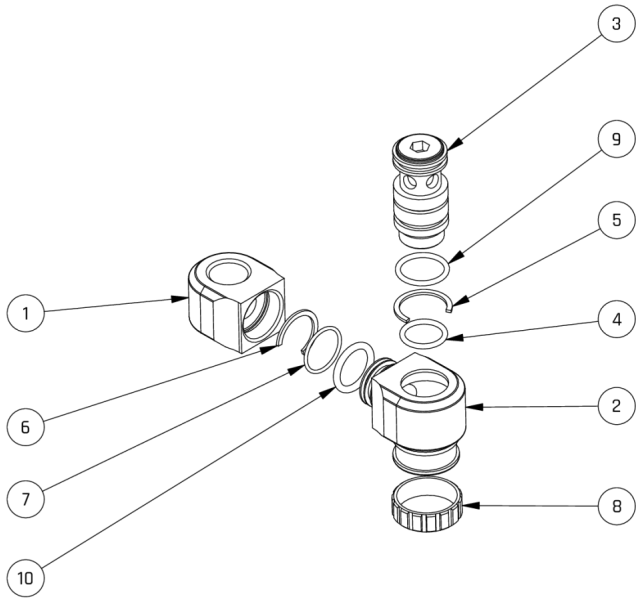


General tolerance: ± 0,25mm
Dimension in millimeter

Figure (2)

Mechanical properties:

Minimum temperature t min =	-20°C	Working pressure p =	0,0 - 2,0Bar
Working temperature t =	20°C	Maximum pressure p max =	4,0Bar
Maximum temperature t max =	60°C	Maximum torque of G thread M max =	G1/4 = 1,0Nm
		ISO 228-1 Parallel Whitworth pipe thread BSPP (GB)	



Spare parts list			
Number	Quantity	Description	Material
1	1	Mainpart	CuZn39Pb3
2	1	Part two	CuZn39Pb3
3	1	Part three	CuZn39Pb3
4	1	O-Ring 11x 1,5mm	NBR Shore 70
5	1	Clamping ring2	X10CrNi18-8
6	1	Clamping ring	X10CrNi18-8
7	1	O-Ring 10,5 x 1	NBR Shore 70
8	1	Rubber Ring	NBR Shore 90
9	2	O-Ring 14 x 1,5	NBR Shore 70
10	1	O-Ring 12 x 2	NBR Shore 70