

Alphacool ES G1/4 barbed fitting for 12.7/7.6mm

Alphacool article number: 14541



Quick Info

The Alphacool ES G1/4 barbed fitting for 12.7/7.6mm is part of Alphacool's professional ES series and sets new standards in design, functionality, and reliability for water cooling systems in servers, workstations, and industrial applications.

- Optimized for high flow rate
- High-quality finish
- Quick and easy to use

Scope of delivery

1x Alphacool ES G1/4 barbed fitting for 12.7/7.6mm

Technical data

Type:	fitting for low flow rates
Dimensions:	31,30 mm x 17,50 mm
Nominal diameter:	10,20 mm
Connection type:	barbed fitting for tube
Material:	brass (CuZn39Pb3)
Seal material:	EPDM Shore A 70
Working pressure:	2bar
Burst pressure:	8bar
Working temperature (in degrees Celcius):	-20 ~ +100
Recommended liquids:	water, deionized water, glycol water, propanediol water etc.
Thread type:	G1/4" 6 mm outer thread
Threaded fastening:	Open-end wrench width across flats 13 mm
Weight:	12g
Color:	brass, raw

Download links

Product pictures	14641_Alphacool_ES_G1-4_barbed_fitting_for_12.7-7.6mm_pics.zip
EU-DoC / CE / RoHS	Alphacool_EuDoc_CE_RoHS_14641.pdf

Packaging dimensions per unit

L x W x H	110 x 85 x 20 mm
Weight	20 g

Other data

Certificates	CE, FC, RoHS
EAN	4250197146418
Customs code	74198090990

Article text

The Alphacool ES G1/4 barbed fitting for 12.7/7.6mm is part of Alphacool's professional ES series and sets new standards in design, functionality, and reliability for water cooling systems in servers, workstations, and industrial applications.

With its precisely machined barbed fitting and solid brass construction, this connector ensures a secure and leak-proof connection for 12.7/7.6mm tubing. The internal diameter is optimized for minimal flow resistance, supporting effective coolant circulation even in complex system configurations.

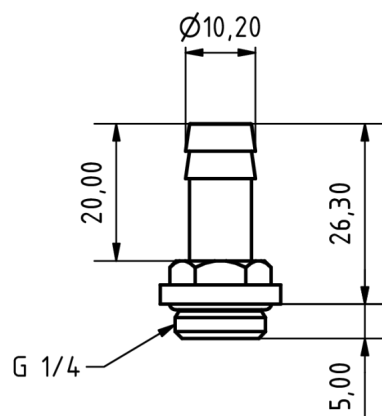
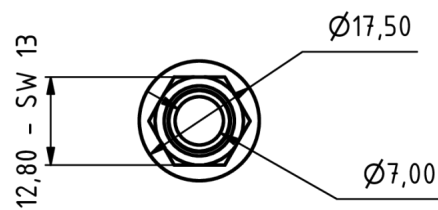
Hose barb fittings offer a compact and straightforward alternative to compression fittings, highlighting more of the tubing and saving space – especially useful in tight installations or specialized setups. Despite their minimal form factor, they provide secure hose grip and high flow capacity.

ES Series – developed for professionals

Each component in Alphacool's ES line is engineered for professional-grade reliability and performance. Whether in a high-performance workstation or industrial cooling setup, these fittings deliver consistent performance and robust build quality.

Note:

For increased safety and optimal tube retention, we recommend using the ES wire tensioning clamp (Art. No. 10282) in combination with this fitting. It provides a more secure grip on the tubing – especially important under elevated pressure or temperature fluctuations.



General tolerance: $\pm 0,25\text{mm}$
Dimension in millimeter