

DeltaMate

Water Cooling Fitting



High Performance Cooling Solutions

Under the DeltaMate product line, Thermal Grizzly offers a wide range of products for custom water-cooling applications. Specifically in the area of fittings, also known as water-cooling connectors, the portfolio includes various products for PC enthusiasts. These fittings are machined from brass, making them particularly durable. Brass is an alloy of copper and zinc that is harder and more corrosion-resistant than copper. At the same time, brass is anodically compatible with other metals. EPDM (ethylene propylene diene rubber) is used for the O-rings (sealing rings) due to its high elasticity and excellent resistance to ozone and UV exposure. Depending on the variant, the DeltaMate fittings are available with a matte black chrome-plated, matt nickel-plated, or gloss nickel-plated finish.

The fittings can be modularly combined with one another to easily adapt almost any tubing layout. They support soft tubes (ST) with a 13/10 mm or 16/10 mm diameter, as well as hard tubes (HT) with a 14 mm or 16 mm outer diameter.

Precise dimensions are available for download on the product pages of the individual fittings in the form of technical drawings, making it easier to plan the custom loop.

The fittings are available in different surface finishes and can be divided into the following categories:

Fittings:

- DeltaMate Fitting - ST13
- DeltaMate Fitting - ST16
- DeltaMate Fitting - HT14
- DeltaMate Fitting - HT16

Rotary Fittings:

- DeltaMate Rotary - 90°
- DeltaMate Rotary - T
- DeltaMate Rotary - FF90°
- DeltaMate Rotary - 45°

Extender Fittings:

- DeltaMate Extender - MF7
- DeltaMate Extender - MF10
- DeltaMate Extender - MF14
- DeltaMate Extender - FF14
- DeltaMate Extender - MF28
- DeltaMate Extender - MM7R
- DeltaMate Extender - MF Set

Water Cooling Accessory Fittings:

- DeltaMate Plug
- DeltaMate Pass Through
- DeltaMate Drain Valve



Scope of Delivery

- DeltaMate Fitting

Trademark Information

DeltaMate is a registered trademark.
Thermal Grizzly is a registered trademark.

Please note

The data in this technical data sheet is based on our current knowledge and experience. Due to the large number of possible influencing factors during use, it does not release the processor or user from carrying out their own tests and trials. No legally binding assurance of specific properties or suitability for a particular application can be derived from our information. We reserve the right to change product specifications as part of technical progress or operational development. Our recommendations do not release the user from the obligation to independently check and, if necessary, resolve any potential infringement of third-party property rights. Depending on the individual case, we recommend consulting us. Subject to printing errors.

Technical Data

Unit:	Value/Description:
Material:	Brass; EPDM (O-rings); Stainless steel [AISI 316] (locking ring)
Typical use:	Creating water-cooling loops
PU:	20 pcs. (single items) / 5 pcs. (sets)

Surface finish: Name	matte black chrome-plated			Weight		Capacity
	Item number	EAN code	Packaging size	Net*	Gross*	
DeltaMate Fitting - ST16	TG-DM-FIT-0001	4260711991745	8 x 2 x 11 cm	24g	26g	1,2ml
DeltaMate Fitting - HT16	TG-DM-FIT-0002	4260711991752	8 x 2 x 11 cm	20g	22g	0,7ml
DeltaMate Rotary - 90°	TG-DM-FIT-0003	4260711991769	8 x 2 x 11 cm	39g	41g	2,8ml
DeltaMate Rotary - T	TG-DM-FIT-0004	4260711991776	8 x 2 x 11 cm	43g	45g	2,7ml
DeltaMate Extender - MF7	TG-DM-FIT-0005	4260711991783	8 x 2 x 11 cm	14g	16g	0,5ml
DeltaMate Extender - MF10	TG-DM-FIT-0006	4260711991790	8 x 2 x 11 cm	22g	24g	0,7ml
DeltaMate Extender - MF14	TG-DM-FIT-0007	4260711991806	8 x 2 x 11 cm	30g	32g	0,9ml
DeltaMate Extender - MF28	TG-DM-FIT-0008	4260711991813	8 x 2 x 11 cm	63g	65g	1,7ml
DeltaMate Plug	TG-DM-FIT-0009	4260711991820	8 x 2 x 11 cm	14g	16g	0,3ml
DeltaMate Rotary - FF90°	TG-DM-FIT-0010	4260711991837	8 x 2 x 11 cm	51g	53g	2,8ml
DeltaMate Extender - MM7R	TG-DM-FIT-0011	4260711991844	8 x 2 x 11 cm	17g	19g	1,0ml
DeltaMate Drain Valve	TG-DM-FIT-0012	4260711991851	8 x 2 x 11 cm	52g	54g	0,2ml
DeltaMate Extender - FF14	TG-DM-FIT-0013	4260711992407	8 x 2 x 11 cm	27g	29g	0,4ml
DeltaMate Fitting - HT14	TG-DM-FIT-0014	4260711992414	8 x 2 x 11 cm	25g	27g	0,7ml
DeltaMate Rotary - 45°	TG-DM-FIT-0015	4260711992421	8 x 2 x 11 cm	51g	53g	1,6ml
DeltaMate Pass Through	TG-DM-FIT-0016	4260711992438	8 x 2 x 11 cm	27g	29g	0,4ml
DeltaMate Fitting - ST13	TG-DM-FIT-0017	4260711992766	8 x 2 x 11 cm	29g	31g	1,2ml

DeltaMate Fitting - ST16	TG-DM-FIT-6001	4260711992513	6,6 x 3 x 10,3 cm	6 x 24g	186g	1,2ml
DeltaMate Fitting - HT16	TG-DM-FIT-6002	4260711992520	6,6 x 3 x 10,3 cm	6 x 20g	162g	0,7ml
DeltaMate Rotary - 90°	TG-DM-FIT-6003	4260711992537	9,6 x 3 x 13,5 cm	6 x 39g	280g	2,8ml
DeltaMate Extender - MF7	TG-DM-FIT-6005	4260711992544	6,6 x 3 x 10,3 cm	6 x 14g	126g	0,5ml
DeltaMate Extender - MF10	TG-DM-FIT-6006	4260711992551	6,6 x 3 x 10,3 cm	6 x 22g	174g	0,7ml
DeltaMate Extender - MF14	TG-DM-FIT-6007	4260711992568	6,6 x 3 x 10,3 cm	6 x 30g	222g	0,9ml
DeltaMate Extender - MF28	TG-DM-FIT-6008	4260711992575	9,6 x 3 x 13,5 cm	6 x 63g	424g	1,7ml
DeltaMate Plug	TG-DM-FIT-6009	4260711992582	6,6 x 3 x 10,3 cm	6 x 14g	126g	0,3ml
DeltaMate Fitting - HT14	TG-DM-FIT-6014	4260711992599	6,6 x 3 x 10,3 cm	6 x 25g	192g	0,7ml
DeltaMate Fitting - ST13	TG-DM-FIT-6017	4260711992605	6,6 x 3 x 10,3 cm	6 x 29g	216g	1,2ml

DeltaMate Extender - MF Set	TG-DM-FIT-8022	4260711993268	—	258g	304g	—
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Surface finish: Name	matt nickel-plated			Weight		Capacity
	Item number	EAN code	Packaging size	Net*	Gross*	
DeltaMate Fitting - ST16	TG-DM-FIT-0201	4260711992285	8 x 2 x 11 cm	24g	26g	1,2ml
DeltaMate Fitting - HT16	TG-DM-FIT-0202	4260711992292	8 x 2 x 11 cm	20g	22g	0,7ml
DeltaMate Rotary - 90°	TG-DM-FIT-0203	4260711992308	8 x 2 x 11 cm	39g	41g	2,8ml
DeltaMate Rotary - T	TG-DM-FIT-0204	4260711992315	8 x 2 x 11 cm	43g	45g	2,7ml
DeltaMate Extender - MF7	TG-DM-FIT-0205	4260711992322	8 x 2 x 11 cm	14g	16g	0,5ml
DeltaMate Extender - MF10	TG-DM-FIT-0206	4260711992339	8 x 2 x 11 cm	22g	24g	0,7ml
DeltaMate Extender - MF14	TG-DM-FIT-0207	4260711992346	8 x 2 x 11 cm	30g	32g	0,9ml
DeltaMate Extender - MF28	TG-DM-FIT-0208	4260711992353	8 x 2 x 11 cm	63g	65g	1,7ml
DeltaMate Plug	TG-DM-FIT-0209	4260711992360	8 x 2 x 11 cm	14g	16g	0,3ml
DeltaMate Rotary - FF90°	TG-DM-FIT-0210	4260711992377	8 x 2 x 11 cm	51g	53g	2,8ml
DeltaMate Extender - MM7R	TG-DM-FIT-0211	4260711992384	8 x 2 x 11 cm	17g	19g	1,0ml
DeltaMate Drain Valve	TG-DM-FIT-0212	4260711993299	8 x 2 x 11 cm	52g	54g	0,2ml
DeltaMate Extender - FF14	TG-DM-FIT-0213	4260711992445	8 x 2 x 11 cm	27g	29g	0,4ml
DeltaMate Fitting - HT14	TG-DM-FIT-0214	4260711992452	8 x 2 x 11 cm	25g	27g	0,7ml
DeltaMate Rotary - 45°	TG-DM-FIT-0215	4260711992469	8 x 2 x 11 cm	51g	53g	1,6ml
DeltaMate Pass Through	TG-DM-FIT-0216	4260711992476	8 x 2 x 11 cm	27g	29g	0,4ml
DeltaMate Fitting - ST13	TG-DM-FIT-0217	4260711992773	8 x 2 x 11 cm	29g	31g	1,2ml

DeltaMate Fitting - ST16	TG-DM-FIT-6201	4260711992506	6,6 x 3 x 10,3 cm	6 x 24g	186g	1,2ml
DeltaMate Fitting - HT16	TG-DM-FIT-6202	4260711992629	6,6 x 3 x 10,3 cm	6 x 20g	162g	0,7ml
DeltaMate Rotary - 90°	TG-DM-FIT-6203	4260711992636	9,6 x 3 x 13,5 cm	6 x 39g	280g	2,8ml
DeltaMate Extender - MF7	TG-DM-FIT-6205	4260711992643	6,6 x 3 x 10,3 cm	6 x 14g	126g	0,5ml
DeltaMate Extender - MF10	TG-DM-FIT-6206	4260711992650	6,6 x 3 x 10,3 cm	6 x 22g	174g	0,7ml
DeltaMate Extender - MF14	TG-DM-FIT-6207	4260711992667	6,6 x 3 x 10,3 cm	6 x 30g	222g	0,9ml
DeltaMate Extender - MF28	TG-DM-FIT-6208	4260711992674	9,6 x 3 x 13,5 cm	6 x 63g	424g	1,7ml
DeltaMate Plug	TG-DM-FIT-6209	4260711992681	6,6 x 3 x 10,3 cm	6 x 14g	126g	0,3ml
DeltaMate Fitting - HT14	TG-DM-FIT-6214	4260711992698	6,6 x 3 x 10,3 cm	6 x 25g	192g	0,7ml
DeltaMate Fitting - ST13	TG-DM-FIT-6217	4260711992704	6,6 x 3 x 10,3 cm	6 x 29g	216g	1,2ml

DeltaMate Extender - MF Set	TG-DM-FIT-8222	4260711993275	—	258g	304g	—
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Surface finish: Name	gloss nickel-plated			Weight		Capacity
	Item number	EAN code	Packaging size	Net*	Gross*	
DeltaMate Fitting - ST16	TG-DM-FIT-0301	4260711993411	8 x 2 x 11 cm	24g	26g	1,2ml
DeltaMate Fitting - HT16	TG-DM-FIT-0302	4260711993435	8 x 2 x 11 cm	20g	22g	0,7ml
DeltaMate Rotary - 90°	TG-DM-FIT-0303	4260711993442	8 x 2 x 11 cm	39g	41g	2,8ml
DeltaMate Rotary - T	TG-DM-FIT-0304	4260711993466	8 x 2 x 11 cm	43g	45g	2,7ml
DeltaMate Extender - MF7	TG-DM-FIT-0305	4260711993480	8 x 2 x 11 cm	14g	16g	0,5ml
DeltaMate Extender - MF10	TG-DM-FIT-0306	4260711993497	8 x 2 x 11 cm	22g	24g	0,7ml
DeltaMate Extender - MF14	TG-DM-FIT-0307	4260711993503	8 x 2 x 11 cm	30g	32g	0,9ml
DeltaMate Extender - MF28	TG-DM-FIT-0308	4260711993510	8 x 2 x 11 cm	63g	65g	1,7ml
DeltaMate Plug	TG-DM-FIT-0309	4260711993541	8 x 2 x 11 cm	14g	16g	0,3ml
DeltaMate Rotary - FF90°	TG-DM-FIT-0310	4260711993473	8 x 2 x 11 cm	51g	53g	2,8ml
DeltaMate Extender - MM7R	TG-DM-FIT-0311	4260711993527	8 x 2 x 11 cm	17g	19g	1,0ml
DeltaMate Drain Valve	TG-DM-FIT-0312	4260711993565	8 x 2 x 11 cm	52g	54g	0,2ml
DeltaMate Extender - FF14	TG-DM-FIT-0313	4260711993534	8 x 2 x 11 cm	27g	29g	0,4ml
DeltaMate Fitting - HT14	TG-DM-FIT-0314	4260711993428	8 x 2 x 11 cm	25g	27g	0,7ml
DeltaMate Rotary - 45°	TG-DM-FIT-0315	4260711993459	8 x 2 x 11 cm	51g	53g	1,6ml
DeltaMate Pass Through	TG-DM-FIT-0316	4260711993558	8 x 2 x 11 cm	27g	29g	0,4ml
DeltaMate Fitting - ST13	TG-DM-FIT-0317	4260711993404	8 x 2 x 11 cm	29g	31g	1,2ml

DeltaMate Fitting - ST16	TG-DM-FIT-6301	4260711993312	6,6 x 3 x 10,3 cm	6 x 24g	186g	1,2ml
DeltaMate Fitting - HT16	TG-DM-FIT-6302	4260711993343	6,6 x 3 x 10,3 cm	6 x 20g	162g	0,7ml
DeltaMate Rotary - 90°	TG-DM-FIT-6303	4260711993350	9,6 x 3 x 13,5 cm	6 x 39g	280g	2,8ml
DeltaMate Extender - MF7	TG-DM-FIT-6305	4260711993367	6,6 x 3 x 10,3 cm	6 x 14g	126g	0,5ml
DeltaMate Extender - MF10	TG-DM-FIT-6306	4260711993336	6,6 x 3 x 10,3 cm	6 x 22g	174g	0,7ml
DeltaMate Extender - MF14	TG-DM-FIT-6307	4260711993374	6,6 x 3 x 10,3 cm	6 x 30g	222g	0,9ml
DeltaMate Extender - MF28	TG-DM-FIT-6308	4260711993381	9,6 x 3 x 13,5 cm	6 x 63g	424g	1,7ml
DeltaMate Plug	TG-DM-FIT-6309	4260711993398	6,6 x 3 x 10,3 cm	6 x 14g	126g	0,3ml
DeltaMate Fitting - HT14	TG-DM-FIT-6314	4260711993329	6,6 x 3 x 10,3 cm	6 x 25g	192g	0,7ml
DeltaMate Fitting - ST13	TG-DM-FIT-6317	4260711993305	6,6 x 3 x 10,3 cm	6 x 29g	216g	1,2ml

DeltaMate Extender - MF Set	TG-DM-FIT-8322	4260711993282	—	258g	304g	—
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*Net weight is the total weight of an article excluding the weight of packaging and accessories. Gross weight refers to the total weight of the product including accessories and packaging. Slight weight deviations may occur due to production factors.

Short Information

DeltaMate Fitting - ST16

Single tapered barb allows straightforward installation for a wide range of flexible tubes.

Knurled compression ring securely grips the tube with high retention force.

Compact overall dimensions facilitate installation in almost any water-cooling loop.

Consistent outer diameter across all DeltaMate fittings ensures seamless integration.

Robust design allows installation with an 8 mm hex key.

DeltaMate Fitting - ST13

Single tapered barb allows straightforward installation for 13/10 mm soft tubing.

Knurled compression ring securely grips the tube with high retention force.

Compact overall dimensions facilitate installation in almost any water-cooling loop.

Consistent outer diameter across all DeltaMate fittings ensures seamless integration.

Robust design allows installation with an 8 mm hex key.

DeltaMate Fitting - HT16

Flat base allows the tube to be installed from any direction with full visibility.

Specially adapted O-ring with a large contact surface securely grips the tube with high retention force.

Compact overall dimensions facilitate installation in almost any water-cooling loop.

Consistent outer diameter across all DeltaMate fittings ensures seamless integration.

Robust design allows installation with an 8 mm hex key.

DeltaMate Fitting - HT14

Flat base allows the tube to be installed from any direction with full visibility.

Specially adapted O-ring with a large contact surface securely grips the tube with high retention force.

Compact overall dimensions facilitate installation in almost any water-cooling loop.

Consistent outer diameter across all DeltaMate fittings ensures seamless integration.

Robust design allows installation with an 8 mm hex key.

DeltaMate Rotary - 90° & T & FF90° & 45°

Small dimensions allow modular combination with other DeltaMate rotary and extender fittings.

Subsequent fittings mechanically lock the rotary joint for maximum safety.

Includes an optional cover cap with DeltaMate logo that can be rotated to any orientation.

Elegant and minimalist design integrates seamlessly with all DeltaMate fittings.

Easy to install even in tight spaces and SFF builds using an 8 mm hex key.

DeltaMate Extender - MF7

Can be combined with two DeltaMate Rotary - 90° fittings to create a double rotary connection with a 28 mm offset.

Practical fixed-length extender to increase the spacing between fittings by 7 mm.

Consistent outer diameter across all DeltaMate fittings ensures seamless integration.

Robust design allows installation with an 8 mm hex key.

DeltaMate Extender - MF10

Can be combined with a DeltaMate rotary fitting to create a direct replacement for conventional rotary fittings.

Practical fixed-length extender to increase the spacing between fittings by 10.5 mm.

Consistent outer diameter across all DeltaMate fittings ensures seamless integration.

Robust design allows installation with an 8 mm hex key.

DeltaMate Extender - MF14 & FF14

Practical fixed-length extender to increase the spacing between fittings by 14 mm.

Consistent outer diameter across all DeltaMate fittings ensures seamless integration.

Robust design allows installation with an 8 mm hex key.

DeltaMate Extender - MF28

Commonly used to create clearance for RAM modules, fans, or two parallel tubes in the same plane.

Practical fixed-length extender to increase the spacing between fittings by 28 mm.

Consistent outer diameter across all DeltaMate fittings ensures seamless integration.

Robust design allows installation with an 8 mm hex key.

DeltaMate Extender - MM7R

Allows direct connection of two components with female-threaded ports.

Rotary joint provides full freedom of rotation during installation.

Internal hex sockets allow both sides to be installed together or separately.

Consistent outer diameter across all DeltaMate fittings ensures seamless integration.

DeltaMate Plug

Simple, low-profile plug for sealing any G1/4" female-threaded port.

Includes an optional cover cap with DeltaMate logo that can be rotated to any orientation.

Consistent outer diameter across all DeltaMate fittings ensures seamless integration.

Easy to install even in tight spaces and SFF builds using an 8 mm hex key.

DeltaMate Pass Through

Simple adapter that enables the connection of two male-threaded fittings through a panel.

Configurable spacers allow clean installation across a wide range of different panel thicknesses.

Consistent outer diameter across all DeltaMate fittings ensures fully seamless integration.

Robust construction allows installation with an 8 mm hex key.

DeltaMate Drain Valve

Machined G1/4" brass fitting with durable EPDM O-ring sealing.

Spring-loaded internal valve for automatic, leak-free operation.

Modular plug-in system with optional backflow prevention for flexible tubing configurations.

Integrated 10 mm push-in connector for controlled draining with standard soft tubing.

Low-profile brass body for durability and use in tight spaces.

8 mm hex interface for secure installation, including protective cap.