

DeltaMate

Quick Disconnect



High Performance Cooling Solutions

The DeltaMate Quick Disconnect (QDC) fittings are drip-free quick-release couplings with an integrated shutoff function and vacuum-assisted anti-leak design. The internal geometry of the QDCs is optimized for high flow and minimizes flow resistance. Each QDC coupling requires one fitting with a male QDC connector and one fitting with a female QDC connector.

The following QDC fittings are currently available with a matte black chrome-plated, matt nickel-plated, or gloss nickel-plated finish:

- The DeltaMate Quick Disconnect Male - M fitting features a male QDC connector and a G1/4" male thread.
- The DeltaMate Quick Disconnect Male - F fitting features a male QDC connector and a G1/4" female thread.
- The DeltaMate Quick Disconnect Female - M fitting features a female QDC connector and a G1/4" male thread.
- The DeltaMate Quick Disconnect Female - F fitting features a female QDC connector and a G1/4" female thread.

The DeltaMate QDC fittings are machined from brass in the usual Thermal Grizzly quality. Brass, as an alloy of copper and zinc, offers the advantage of being anodically compatible with other metals while being both harder and more corrosion-resistant than copper. The sealing rings (O-rings) are made from particularly elastic EPDM (ethylene propylene diene rubber), which is resistant to ozone and UV exposure. The consistent outer diameter of all DeltaMate fittings ensures seamless integration of the individual products.

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.



Scope of Delivery

- DeltaMate Quick Disconnect

Short Information

- Drip-free quick-release coupling
- Integrated shutoff function and vacuum-assisted anti-leak design
- Push-to-connect and slide-to-release locking mechanism
- Available with G1/4" male and female threads for full loop compatibility
- High-flow internal geometry minimizes flow resistance while ensuring reliable sealing
- Precision-machined brass construction for durability and seamless integration

Trademark Information

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

Technical Data

Unit:	Value/Description:
Base diameter:	21 mm
O-ring:	EPDM
Spring:	Stainless steel [AISI 316]
Insert:	Brass (nickel-plated)
Base (Black):	Brass (chrome-plated)
Base (Matt Nickel):	Brass (nickel-plated)
Base (Gloss Nickel):	Brass (nickel-plated)

Name	Item number	EAN code	Net weight*	Gross weight*	Capacity
DeltaMate Quick Disconnect Female - M Black	TG-DM-QDC-0001	4260711993602	51,8g	53,8g	3,0ml
DeltaMate Quick Disconnect Female - F Black	TG-DM-QDC-0002	4260711993619	55,8g	57,8g	2,7ml
DeltaMate Quick Disconnect Male - M Black	TG-DM-QDC-0010	4260711993572	30,2g	32,2g	3,2ml
DeltaMate Quick Disconnect Male - F Black	TG-DM-QDC-0020	4260711993589	34,3g	36,3g	2,9ml
DeltaMate Quick Disconnect Female - M Matt Nickel	TG-DM-QDC-0201	4260711993688	51,8g	53,8g	3,0ml
DeltaMate Quick Disconnect Female - F Matt Nickel	TG-DM-QDC-0202	4260711993695	55,8g	57,8g	2,7ml
DeltaMate Quick Disconnect Male - M Matt Nickel	TG-DM-QDC-0210	4260711993657	30,2g	32,2g	3,2ml
DeltaMate Quick Disconnect Male - F Matt Nickel	TG-DM-QDC-0220	4260711993664	34,3g	36,3g	2,9ml
DeltaMate Quick Disconnect Female - M Gloss Nickel	TG-DM-QDC-0301	4260711993756	51,8g	53,8g	3,0ml
DeltaMate Quick Disconnect Female - F Gloss Nickel	TG-DM-QDC-0302	4260711993770	55,8g	57,8g	2,7ml
DeltaMate Quick Disconnect Male - M Gloss Nickel	TG-DM-QDC-0310	4260711993732	30,2g	32,2g	3,2ml
DeltaMate Quick Disconnect Male - F Gloss Nickel	TG-DM-QDC-0320	4260711993749	34,3g	36,3g	2,9ml

*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.