

Die Cooler



● Characteristics

Die cooling tube, made of aluminum alloy.

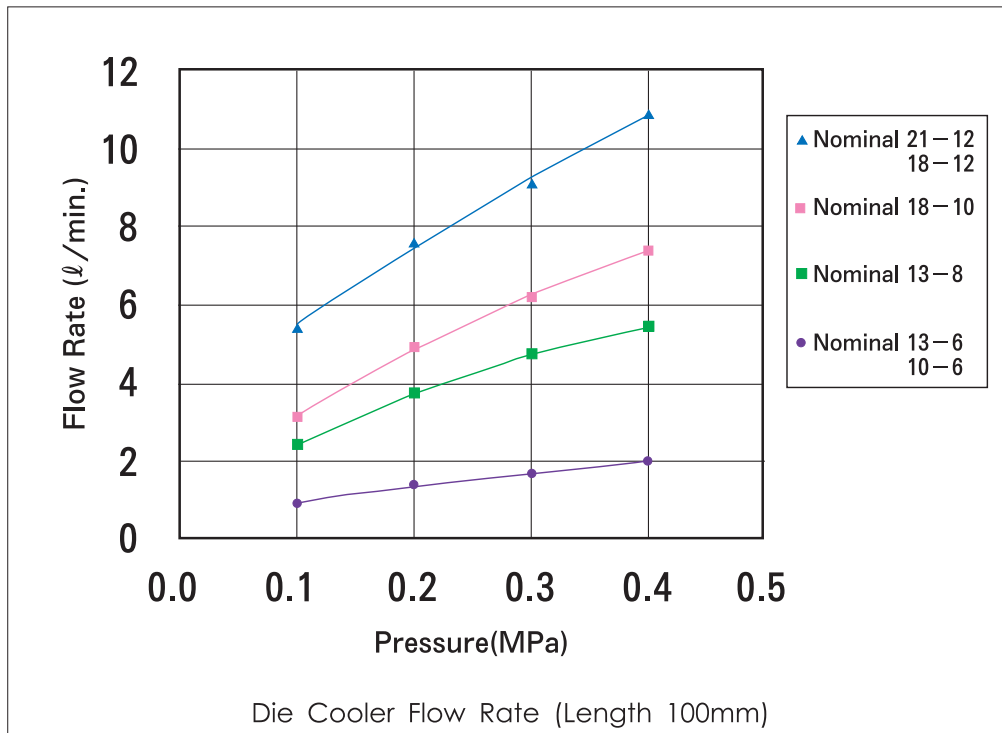
Installed to die by "one-touch" connection with packing.

- Thread processing of cooling hole is unnecessary.
- Shortening of die installation time is possible.

Connecting position and direction of cooling hose can be set freely.

S type and C type (Rc screw type) that can be connected to hose, pipe and tube are also prepared.

● Product data



● Die Cooler Specification

The following table shows an assortment of Die Cooler.
For details, please refer to the relevant product page.

Example $\frac{DC}{\text{Model}} - \frac{8F}{\text{Type}} - 10$
Installation hole dia.
of cooling pipe

Hose Connection and Dimension Dimension of Tube Connexion Hole on Die		Rubber Hose Connection Inner Dia.	Screw Hole for Coupler	
		$\phi 8$	Rc1/8	Rc1/4
$\phi 10$	2-way (F)	DC-8F-10	DC-CF-10	DC-SF-10
	2-way (T)	DC-8T-10	DC-CT-10	DC-ST-10
	1-way (L)	DC-8L-10	DC-CL-10	DC-SL-10
$\phi 13$	2-way (F)	DC-8F-13	DC-CF-13	DC-SF-13
	2-way (T)	DC-8T-13	DC-CT-13	DC-ST-13
	1-way (L)	DC-8L-13	DC-CL-13	DC-SL-13
$\phi 18$	2-way (F)	DC-8F-18	DC-CF-18	DC-SF-18
	2-way (T)	DC-8T-18	DC-CT-18	DC-ST-18
	1-way (L)	DC-8L-18	DC-CL-18	DC-SL-18
$\phi 21$	2-way (F)	DC-8F-21	DC-CF-21	DC-SF-21
	2-way (T)	DC-8T-21	DC-CT-21	DC-ST-21
	1-way (L)	DC-8L-21	DC-CL-21	DC-SL-21

● Accessories separately sold

Please refer to CO cooling tube connecting parts, pages 69 and 70.

■ Packing exchange method

Silicon rubber packing is used. Please change it if damaged due to aged deterioration.

Please remove the deformed packing.

Please put soapy water on pipe and packing and assemble them by special tool.

■ It is also easy to insert Die Cooler to a die using soapy water on packing.

■ Note :

Please use Die Cooler and packing free from oil and grease.

- Adhesion of oil makes a pipe easy to fall out and cause water leak.

A cooling pipe can fall out by the water pressure and vibration.

- Please use stopper for the prevention of falling out.

A pipe is made of aluminum alloy (A 6063S)

- Do not give strong shock to Die Cooler, It may cause deforming.

Please never use Die Cooler without water circulating at die pre-heating and casting, it might cause poor packing.

Please do not use any fluid except water.

Do not hit head of Die Cooler.

- It might cause breakage at the connection between head and pipe.