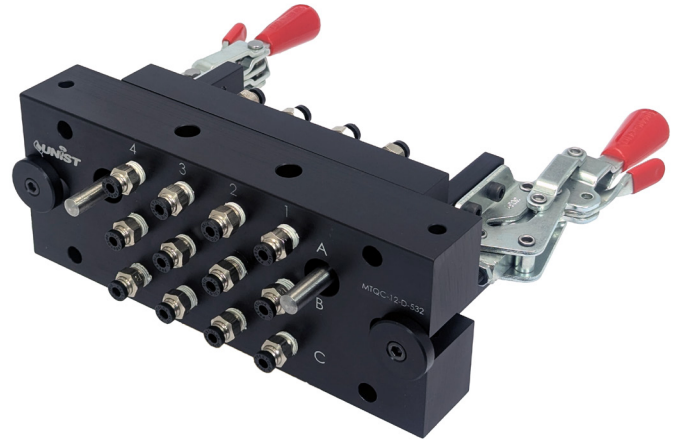


Clamp & Stamp

The Multi-Tube Quick Connect™ streamlines in-die lubrication with a single, easy-to-use connection point for up to 30 nozzles. Designed specifically for Unist spray nozzles, it ensures:

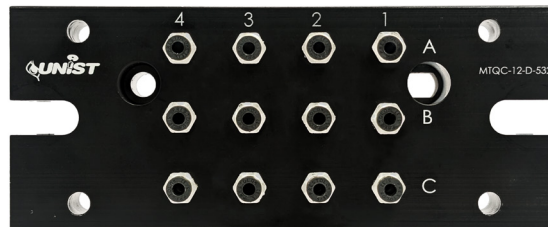
- **Quick Changeover:** Disconnect and reconnect all lubrication lines in seconds.
- **Accurate Alignment:** Maintain permanent in-die nozzle placement.
- **Drip-Free Performance:** Built-in check valves prevent mess and maintain efficiency.
- **Versatile Compatibility:** Works seamlessly with Unist's Low Volume (LV) and Airless Nozzles.

Keep your nozzles permanently mounted, minimize downtime, and maximize efficiency with the Multi-Tube Quick Connect™.



Connections

Tube connections are effortlessly secured using pre-installed push-to-connect fittings. Each nozzle location within the Multi-Tube Quick Connect™ is clearly identified by the column and row headings etched into the die or supply side block. Integrated check valves stop fluid leakage when the die and supply block are disconnected.



Nozzle Options

The Multi-Tube Quick Connect™ is compatible with the following Unist in-die nozzles, each available with a variety of mounting options.



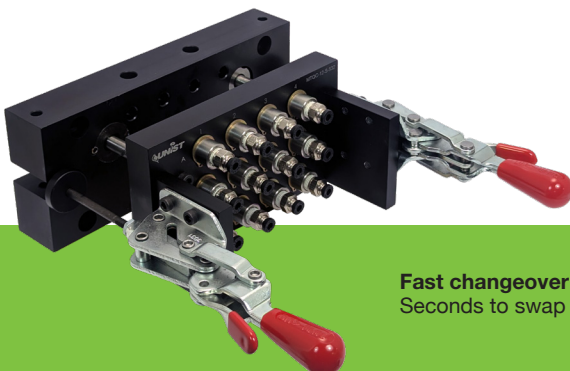
Airless Spray Nozzle
Best for water-based solutions and emulsions.



Low Volume Spray Nozzle
Dripless continuous spray for oils & viscous synthetics.



Remote Low Volume Spray Nozzle
Air & fluid adjustment away from the die.



Fast changeover
Seconds to swap

System Integration

Combine the Multi-Tube Quick Connect™ with Unist's SmartFlow® programmable fluid controller for unrivaled control. The SmartFlow® allows individual control of each fluid output, providing maximum configuration flexibility. With storage for up to 250 jobs, changeovers are seamless—simply switch the Multi-Tube Quick Connect and select the next job.



Dimensions and Ordering Information

Each Multi-Tube Quick Connect™ (MTQC) features two mating halves: a die side and a supply side. The supply side is connected to a fluid controller (typically a Unist SmartFlow®), while a die side is permanently installed on each die set. Depending on nozzle type, one to three connections may be required. The chart below outlines the maximum number of nozzles supported by each MTQC size. Tubing connections are available in most sizes—imperial and metric.

	Maximum Nozzle Quantity			Nominal Dimensions (in)		
	Airless Spray Nozzle	Low Volume Spray Nozzle	Remote Low Volume Spray Nozzle	A	B	C
MTQC-12-Y-ZZZ (12 ports)	12	6	4	8	9.31	14.42
MTQC-18-Y-ZZZ (18 ports)	18	9	6	10	11.31	16.42
MTQC-24-Y-ZZZ (24 ports)	24	12	8	12	13.31	18.42
MTQC-30-Y-ZZZ (30 ports)	30	15	10	14	15.31	20.42

MTQC manifolds can only be connected to manifolds of the same size. For example, a 12 port die-side manifold can only be connected to a 12 port fluid-supply-side manifold.

