

Cooling Hose

1/2" and 1/4" Series

1. DOUBLE SOCKETS

Allows user to put a connector on both ends. Can be used to connect coolant fed tooling. Allows attachment of other nozzles.

2. FLARE NUT FITTINGS

Allows users to replace flared copper tube fittings and copper tube with fittings and hose. They won't fatigue like copper. A popular fitting for air applications in the printing industry 3/8" Flare nuts fit to 5/8 - 18 threads. 1/4" Flare nuts fit to 7/16 - 20 threads.

3. Y FITTINGS & REDUCERS

Multiple nozzles can be attached to one supply line. Reducing Y's connect a larger supply line to two smaller hose diameters.

4. VALVES

Regulate coolant or air flow to your work area. 1/4 turn of handle opens or closes the valve. Lightweight and compact for in-line use. Body and stem material is acetal copolymer. Stem seals are nitrile (Buna N).

5. FLARE NOZZLES

Spreads coolant or air over a wide area without restricting the flow volume.

6. ELBOW FITTINGS

Attaches directly to NPT fittings where tight turns are needed. Allows 90° hose turns.

7. EXTENDED ELEMENTS & ELEMENT CLAMPS

Element Clamps tighten onto any standard element in the same size system. Extended Elements with Clamps reduce dynamic motion at higher pressures. Extended Elements make it easier to run longer lengths of hose.

8. 90° NOZZLES

90° Nozzles allow coolant flow close to the tool. 90° Nozzles make tight turns behind the cutter. Reduce view obstructions in front of the tool. 90° Nozzles fit directly on NPT connectors in short tight spaces. Spray Bar Nozzles distribute coolant over a wide area with even pressure.

9. CIRCLE FLOW NOZZLE KITS & SIDE FLOW NOZZLES

Allows the user to completely encircle the cutter. Side Flow Nozzles can be added or subtracted to accommodate different size cutters. Side Flow Nozzles can be arranged in a long straight manifold.

10. 1/4" SOCKET X 1/8" FNPT

Allows users to screw on a speciality nozzle

11. SWIVEL NOZZLES

Adjustable spray head features 40° range of motion over flared base. Evenly spaced holes for even distribution of liquids or air. Offset head design directs air or fluid parallel to the cutting surface.

12. T FITTINGS

Connects 2 hoses from one source in a 90° configuration. Adds an additional outlet to Modular Manifolds. Boss allows easy mounting for additional hose support.

13. FLAT NOZZLES

Provides a thin flat pattern for precise directional control of air or fluids. Available with slots or holes.

14. HOSE ADAPTERS

Allows larger ID hoses to be reduced to smaller ID systems. 3/4" to 1/2" or 1/2" to 1/4".

15. STRAIGHT FLOW NOZZLES

Nozzles designed to optimise an even flow pattern over a wide area while reducing build-up at the nozzle edges.

