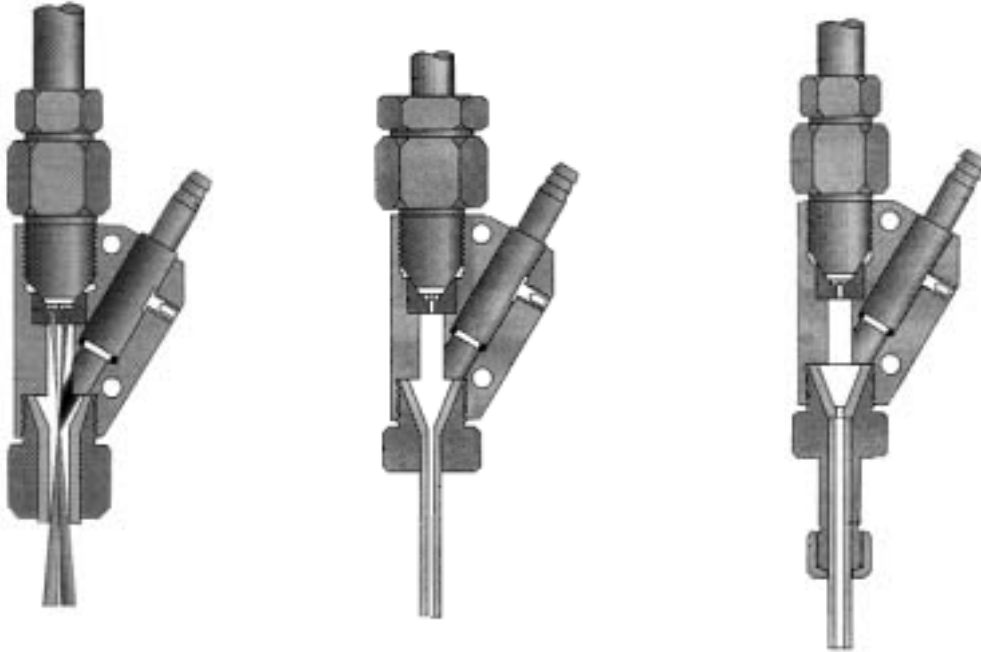


Abrasive Jet Cutting Nozzles to 40K



Description:

This group of nozzles is designed for waterjet blasting applications in which selected additives are introduced to enhance the productivity. These additives could vary widely depending on the nature of the job. In most waterjetting applications, the additives are likely to be some kind of abrasives: they could be water soluble or insoluble, soft or hard, solid or liquid. These abrasive blasting nozzles are ideally suited for wet blasting with all types of additives.

Intended Use:

These products are designed primarily for abrasive waterjet cleaning, polishing, and blasting of a wide range of materials for various purposes such as the removal of paint, coating, rust and mill scales.

Abrasive Feed Tube:

Abrasive blasting nozzles are fitted with a replaceable feed tube for connecting the nozzle body to the plastic supply tube for the additives so as to protect the nozzle body.

Abrasive Hoses:

Salotech recommends the use of hard plastic hoses for transporting solid additives from a container to the nozzle.

Abrasive Feed Rate:

The optimum feed rate of additives to these nozzles is a function of several factors including the type of nozzle involved. The basic rule of thumb in determining the appropriate feed rate is to let the nozzle decide by itself. In other words, let the vacuum generated by the nozzle decide the amount of additives to be sucked into the nozzle, and provisions must be made to facilitate this process. There must not be any air leakage along the transport tube from the nozzle to the container, and the air is to be introduced only at the entrance of the plastic tube together with the additives. A suitable additive on-off valve with metering capacity should be placed at this entrance.