

Capacity Range:
1,500 Btu/Hr to 150,000 Btu/Hr



Selas Blast Tips – Steel or Alloy

Blast Tips are compact premix nozzles designed for stable handling of high pressure fuel mixtures in small-volume applications where a jet of flame is appropriate.

How It Works

Selas Blast Tips design has been proven by long use and extensive testing. Series BT Tips made of cold rolled steel are suggested for most applications. Where the tips may be

subjected to a great deal of radiant heat or considerable back pressure, the Series BTA made of heat resisting alloy are recommended.

Applications:

- For high pressure fuel mixtures in small-volume, radiant heat applications



Diverse Combustion Technologies. One Reliable Source.

Operating Principles

Both series are identical in design and are tested to operate at high mixture pressures where most other tips become unstable. These are easy to install and will operate over a wide range of mixture quality. If used with rich mixtures, ample secondary air must be supplied to complete combustion.

These tips, arranged on suitable pipe manifolds, or heads, may be used for roll heating, flame hardening, annealing, preheating, soldering, or other localized heating. Also for firing tin pots, varnish kettles, tanks, ovens, furnaces and numerous other types of equipment.

This series of pilot tips come with a 10 mm spark plug. A 14mm spark plug is available on special order. Also available is a manual ignition port for all series tips. The pilots have been designed specifically to provide reliable ignition against the back pressures generated during the start up of industrial style burners. These tips can be used to ignite any burner requiring a blast type pilot and come with an optional grounding fin for use with Flame Rods.

Features	Benefits
Stable at high mixture pressures	Reliable, consistent heat profile
Operates well over wide range of mixture quality	Accommodates a range of fuel variabilities
Delivers an intense jet of flame	Perfect for focused heating applications
Commonly used for ignition of industrial burners	Reliable performance against high back pressures



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