

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



Selas Blast Tips – Model BTSA – Alloy

Blast Tips for tunnel nozzle mix burners will provide extremely stable operation with air/fuel ratios ranging from 70% to 100% aeration.

How It Works

This series of alloy pilot blast tips are for use on single and multiple tunnel nozzle mix burners. They can also be used for spot heating operations. All blast tips in this series are extremely stable over the entire operating range. These blast

tips will operate with air/fuel ratios ranging from 70% to 100% aeration.

The long flame of the 64BTSA and 86BTSA ensures proper ignition of large, nozzle mix-style burners for both fuels and light oils.

Applications:

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



Diverse Combustion Technologies. One Reliable Source.

Operating Conditions

The BTSA blast tips 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



11012 Aurora Hudson Rd • Streetsboro, OH 44241
1-800-523-6500 • sales@selas.com
www.selas.com