

# Insertajets & Insertabars

## Product Name:

Insertajets and Insertabars

## Product Category:

Industrial Gas Burners 'Barters' - Insertajets and Insertabars

## Product Benefits:

- Simple system of tap in flame port tips for easy fabrication onto bar burners
- Available in a range of five sizes
- To be fitted in either 1,2 or 4 row patterns with the adjacent rows spaced 1/2" to 2" apart to suit the secondary air required to reach the inner rows of jets
- Operates at any gas pressure with smooth cross ignition

## Product Attributes:

- Flame runs along the length of the bar with gross heat release
- Ratings per jet are varied by their centres and hole size of insertion
- Relevant injectors must be chosen to provide the appropriate flame for your requirements

## Design Procedure:

- To receive the heat release desired select one size of insertajet you propose to use and divide by total gross, this will give you the number of insertajets to be used
- Calculate the number of insertajets per row by dividing the flame run of the bar by distance between centres of insertajets
- Divide the total number of insertajets by the number of insertajets per row which will give you the number of rows required

## Mechanical Data:

Insertajet size	Orifice dia. D (ins)	Insertion port D (ins)	Recommended Centres c (ins)	Nom. Rating at 6"wg NG btu/hr
No. 00	0	0.234	0.5	50
No. 52	0.063	0.234	0.5	150
No. 35	0.110	0.234	0.5	350
No. 28	0.140	0.234	0.5	500
No. 8	0.198	0.343	0.625	1000

For more information about our Industrial Gas Burners, please visit our Contact page and speak to a member of the Barters team.  
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