Compact size, quiet blowing

Energy-efficient air nozzles

Reduce air consumption by the uniform, **high impact** air jet

Also available in heat- and chemical-resistant PPS

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**Features**

- Pressure-resistant stainless steel air nozzle.
- The 35 mm-long compact body provides a powerful air blow with high blowing force and optimal energy saving.
  - It helps further reductions in equipment size and costs.
- Low-noise design for a better work environment.

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**Sound level**

<table>
<thead>
<tr>
<th>Orifice diameter</th>
<th>Air pressure (MPa)</th>
<th>Noise level (dBA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ø0.8</td>
<td>0.1</td>
<td>62</td>
</tr>
<tr>
<td></td>
<td>0.3</td>
<td>73</td>
</tr>
<tr>
<td></td>
<td>0.5</td>
<td>79</td>
</tr>
<tr>
<td>ø1.0</td>
<td>0.1</td>
<td>68</td>
</tr>
<tr>
<td></td>
<td>0.3</td>
<td>78</td>
</tr>
<tr>
<td></td>
<td>0.5</td>
<td>84</td>
</tr>
<tr>
<td>ø1.2</td>
<td>0.1</td>
<td>72</td>
</tr>
<tr>
<td></td>
<td>0.3</td>
<td>82</td>
</tr>
<tr>
<td></td>
<td>0.5</td>
<td>88</td>
</tr>
</tbody>
</table>

Ground noise: 46 dBA,
Distance from noise meter: 1,000 mm

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**Specifications**

Material: Stainless steel 316L equivalent
Mass: 38 g
Max. operating pressure: 1.0 MPa
Max. allowable temperature: 400°C

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`1) ød = Orifice diameter 0.8, 1.0, or 1.2 mm`
Air consumption

Air consumption (L/min, Normal)

Blowing force distribution

Orifice diameter ø0.8

Orifice diameter ø1.0

Orifice diameter ø1.2

Air pressure
0.1 MPa
0.3 MPa
0.5 MPa
measured at a blowing height of 100 mm

Specifications and contents of this leaflet are subject to change without prior notice for purpose of product improvement.

Please feel free to send any inquiry, request for information or quote on this product to the contacts below.

Daiichi Kyogyo Bldg., 1-15-15, Awaza, Nishi-ku, Osaka 550-0011, Japan
Tel: 81-6-6538-4015 Fax: 81-6-6538-4022
E-mail: overseas@kirinoikeuchi.co.jp
URL: https://www.kirinoikeuchi.co.jp/eng/
42 mm wide
Short type
Air nozzle

Multiplies Supplied Air
Air Booster Nozzle TAIFUJet® TF-FS series

Features
• Compact air nozzle: 35 mm long, 42 mm wide
• Low noise, minimal air consumption
• Uniform distribution and high spray impact
• Made of high chemical and heat resistant PPS

Dimensions, Material, Mass

How to order
Please inquire or order using this product code.

1/4M TF-FS 42-16-010 PPS

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