This weld head is designed for deep hole tube to tube sheet TIG welding. It is suitable for carbon steel, stainless steel and most TIG type materials.

PERFORMANCE

- Commonly used for special heat exchanger needs within the chemical industry (for example: air-cooled hydrogenation)
- Perfect for wire feed welds in hard to reach areas
- Narrow space welds reaching 4.75" to 8.5"
  (4.75" to 8.5" is the min. and max. distance between the two tube plates)
- Can customize according to specific requirements
- Torch angle negative 3 degrees
- Optional external or integrated wire feed available see page 22
- Recommended power unit = OW-ARC 250 or 400

<table>
<thead>
<tr>
<th>TSWG-HB-625</th>
<th>Tube OD</th>
<th>25 or 32mm (1&quot;-1.25)</th>
<th>Depth for Inner Tube</th>
<th>230mm (9&quot;) including plate thickness</th>
<th>Weight (excludes cable)</th>
<th>13kg (28lbs) no cable</th>
<th>Cooling Flow</th>
<th>600ml</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rotation Speed (rpm)</td>
<td>0.37 - 7.39 rpm</td>
<td>Tungsten Diameter</td>
<td>2.4mm (0.095&quot;)</td>
<td>Cooling</td>
<td>Water</td>
<td>Duty Cycle</td>
<td>200A 60%</td>
<td></td>
</tr>
<tr>
<td>Torch Angle</td>
<td>-3°</td>
<td>Arc Adjusting Distance</td>
<td>18mm (0.70&quot;)</td>
<td>Standard Cable Length</td>
<td>L=5m (16')</td>
<td>Protective Gas</td>
<td>Arg / Mixed Gases</td>
<td></td>
</tr>
</tbody>
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