## Induction Hard Brazing\_24

## Hengxin Science and Technology Limited

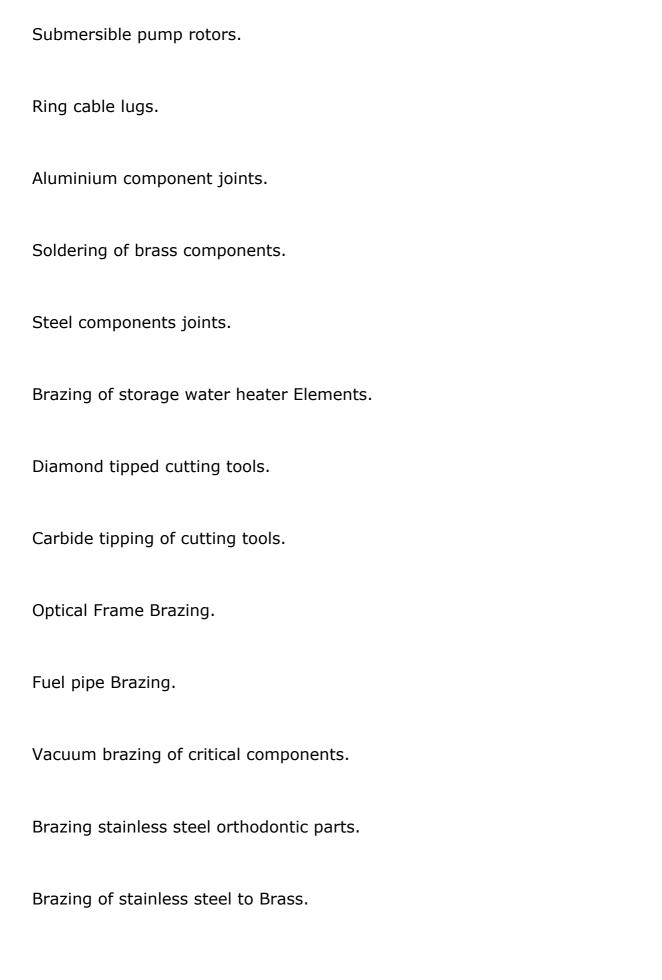
Hengxin is experienced in Induction Heating Machine and Induction Heating Power Supply, induction heating equipments can be used in induction heating service, induction heat treatment, induction brazing, induction hardening, induction welding, induction forging, induction quenching, induction soldering induction melting and induction surface treatment applications http://www.hengxinkeji.com

Induction Brazing is joining of similar or dissimilar metal (parent materials) by using heat and braze material (filler material) whose melting temperture is normally above

| 500 C and below the melting temperature of parent materials being joined.   |
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| Induction Brazing temperature can be controlled from 500 C to 1800 C for most of the brazing applications.  |
| HengXin induction brazing machines are made to replace conventional brazing methods, with more reliable / repeatable brazing without flame and smoke. |
| Features:   |
| Controlled atmosphere brazing is possible   |
| Highly adaptable for automation   |
| Eco-friendly due to noiseless and flameless operation   |
| No statutory approvals required   |
| Lesser risk involved compared to conventional methods   |
| Uniform heating at desired area provides even flow of filler metal  |
|   |

Lesser brazing cost comparing to conventional methods

| Application Specific  |
|---|
| Auto or manual mode operation   |
| Improved power factor   |
| Strong and ductile joints   |
| Suitable for dissimilar materials   |
| Tropicalised design   |
| Compact size  |
| Benefits  |
| There are specific reasons to use induction heating for industrial brazing. These include selective heating, better joint quality, reduced oxidation and acid cleaning, faster heating cycles, more consistent results and suitability for large volume production. |
| Applications:   |
| Copper parts for compressors.   |
| Copper components of transformers.  |
| Brass components.   |



Rocker Pins.

Hydraulic Hose.

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