



All About Brazing Alloys and Products

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Brazing & welding are almost similar in their processes of joining metals despite some basic differences. Brazing comparatively overpowers & beats welding in certain aspects. The methods, though, stand out in producing sturdy & durable quality joints depending upon the kind of their application. Therefore, both brazing & welding outdo each other in one or the other departments which we are going to analyze here.

Brazing works well in linear joints are usually easier to braze than weld. It requires no manual tracing which enables the filler metal to be drawn equally into straight, curved, or irregular joint configuration which isn't possible with welding.

If properly analyzed, then brazing method is in an advantageous position than welding. Brazing heats a broad area i.e. the entire assembly. Welding is considered perfect for joining large assemblies, since, larger assemblies tend to dissipate heat making it quite impossible to reach the flow point of the filler metal & in such a case the intense localized heat of welding helps in overcoming the difficulty.

Brazing method generally produces a tiny, neat fillet than the irregular bead of a welded joint. The overall appearance projected through brazing is comparatively much better than a welding method. A highly important point while considering on consumer products where the appearance of the matter plays a vital role. The joints brazed can be used almost always without any requirement for additional finishing operations.

Brazing differ from welding in terms of flexibility. It is ready for any degree of automation. Simple & easy automation techniques such pre fluxed assemblies & pre-placed lengths speed up the production in a moderate production while in case of larger runs, heating torches & robots easily apply pre measured amounts of filler metal.

To know more about brazing alloys and products please visit : <http://www.brazingalloys.net/>

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