

3.1 Mixing Head

All Mixing Heads consist basically of the same type of parts:

- Magnetic body, with a ring of permanent encapsulated magnets.
- Wings that link the magnet body and the female bearing together.
- Female bearing

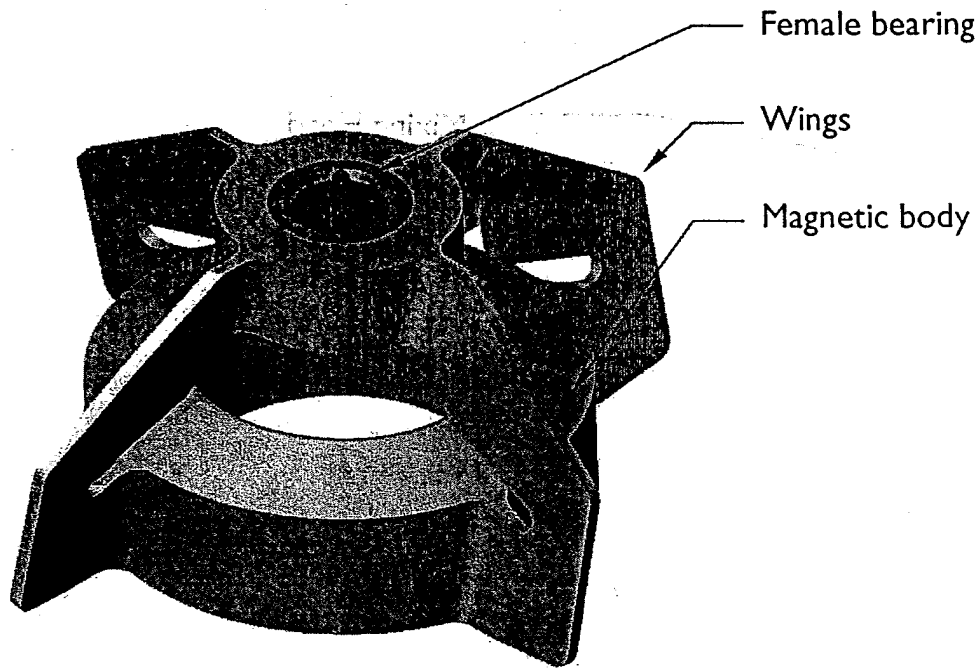


Fig.3.1.1 Mixing Head

The Mixing Head is designed to operate in aseptic pharmaceutical processes. Therefore, they are constructed free from pits, crevices, cavities, hidden areas, sharp corners, etc. and are polished to a high degree of smoothness.



The magnetic forces must be kept away from any contaminating magnetic particles that will be attracted by the magnetic fields.



Avoid operating temperature $>135^{\circ}\text{C}$.



The Mixing Head surface is manufactured with high demands on surface quality and tolerances. It must, therefore, be handled with great care to prevent damage to its functionality.

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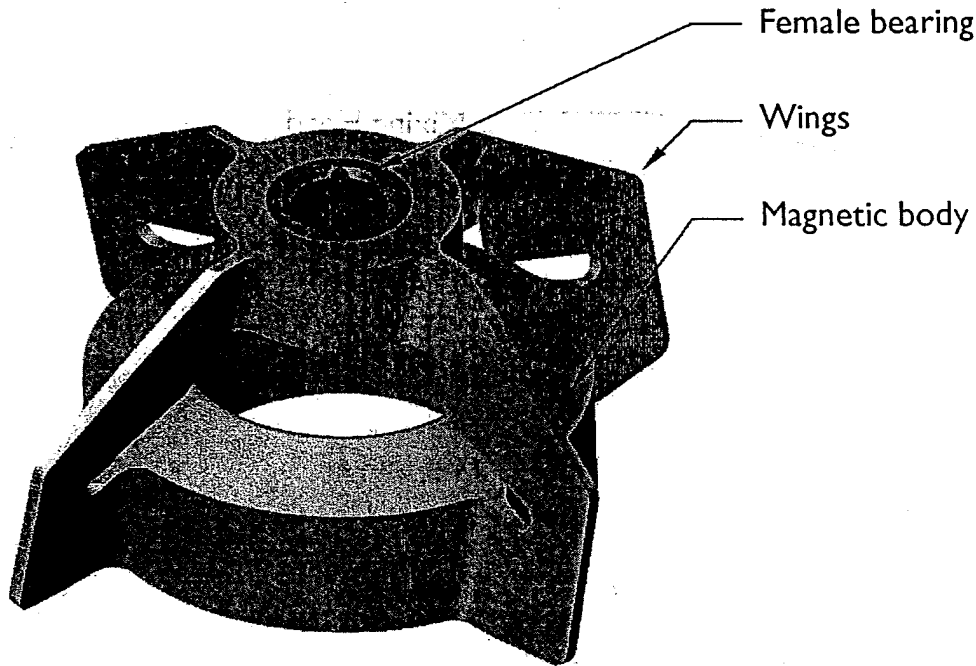


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