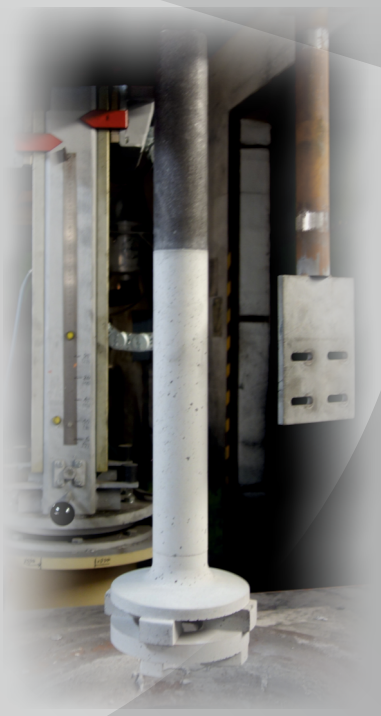
GRAPHITE AND CERAMIC DEGASSING ROTORS & BAFFLE PLATES

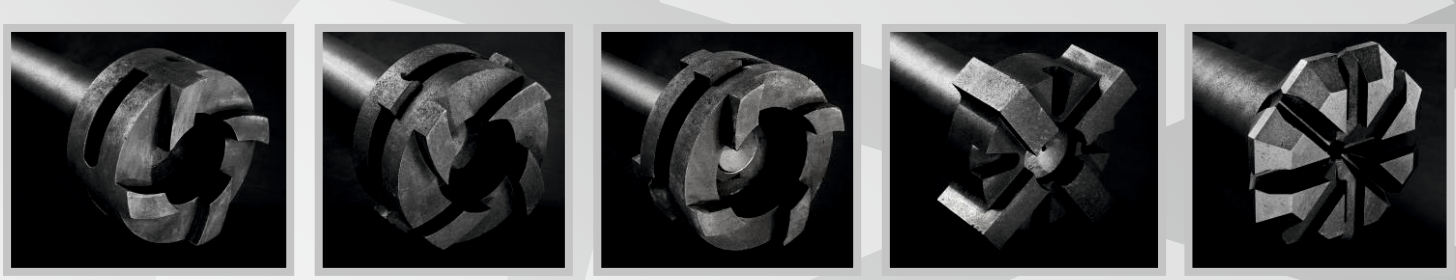
- Rotors are used for degassing and refining of molten aluminium before the casting process.
- Choice of different shapes and sizes of rotors influences degassing efficiency and can facilitate vortex creation if needed.
- JAP patented F2A shape is designed for refining processes with fluxes. The shape enables strong vertical flows, stirring of the bottom ladle area and improved gas distribution over the entire ladle.
- Custom-made upper part of shafts can be adjusted to precisely fit FDU socket.
- Long service life of JAP graphite degassing sets (rotors and baffle plates) is achieved by using special antioxidant impregnation technology.
- Even longer service life can be achieved by using JAP ceramic refining sets.



ADVANTAGES OF JAP CERAMIC ROTORS

- On average, twice the service life of graphite rotors.
- Lower cost per degassing cycle.
- Stable shape of rotor throughout the service life = stable refining process.
- The upper part of shafts is made from graphite, so no adjustment of FDU coupling system is necessary when switching from graphite to ceramic rotors.

STANDARD SHAPES OF JAP ROTORS



F2 F2A F2L G1 J8

CHARACTERISTICS OF JAP ROTORS

	F2	F2A	F2L	G1	J8
Vortex creation	**	***	*****	**	
Suitable for process with fluxes	Yes	Yes	Yes	Yes	No
Standard sizes	Diameter from 120 to 270 mm. Length up to 3500 mm.				

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