

IMPELLERS

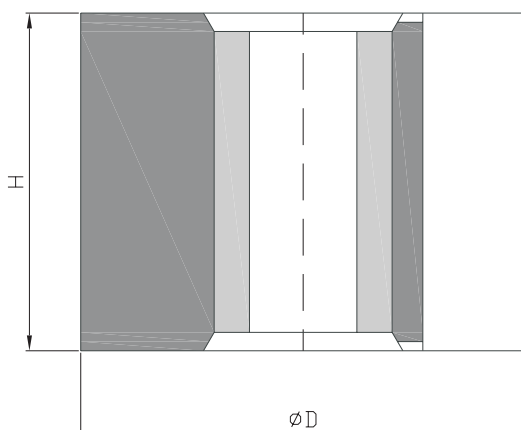
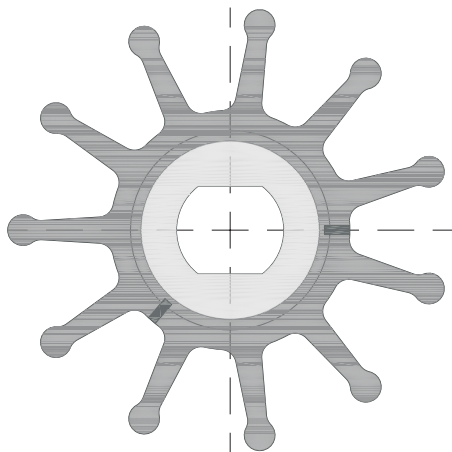
Production of flexible working wheels for pumps.

The advantages of pumps with flexible impellers are as follows:

- Possibility to transfer effectively both liquid and dense fluids;
- Smooth and durable working without pulsations and amplitudes in pressure;
- The best transferring of fluids with solids including;
 - Solids like grains and crystals are passing without stopping and retaining;
 - Other accidental solid parts like fruit pits don't damage the impeller.

Used materials:

- The carcass could be made by bronze, plastics (acetylen, ethalyle etc.);
- NBR rubber up to $t = 90\text{ }^{\circ}\text{C}$ (gasoline, oil);
- EPDM rubber up to $t = 120\text{ }^{\circ}\text{C}$ (water, steam, foods);
- Poly component polyurethanes.



Some produced dimensions (mm):

Impeller's diameter D	Impeller's width H
58	33
65	50
95	89
95	63
115	89,3
145	110