

DRY FINISHING WALNUT SHELL TECHNOLOGY

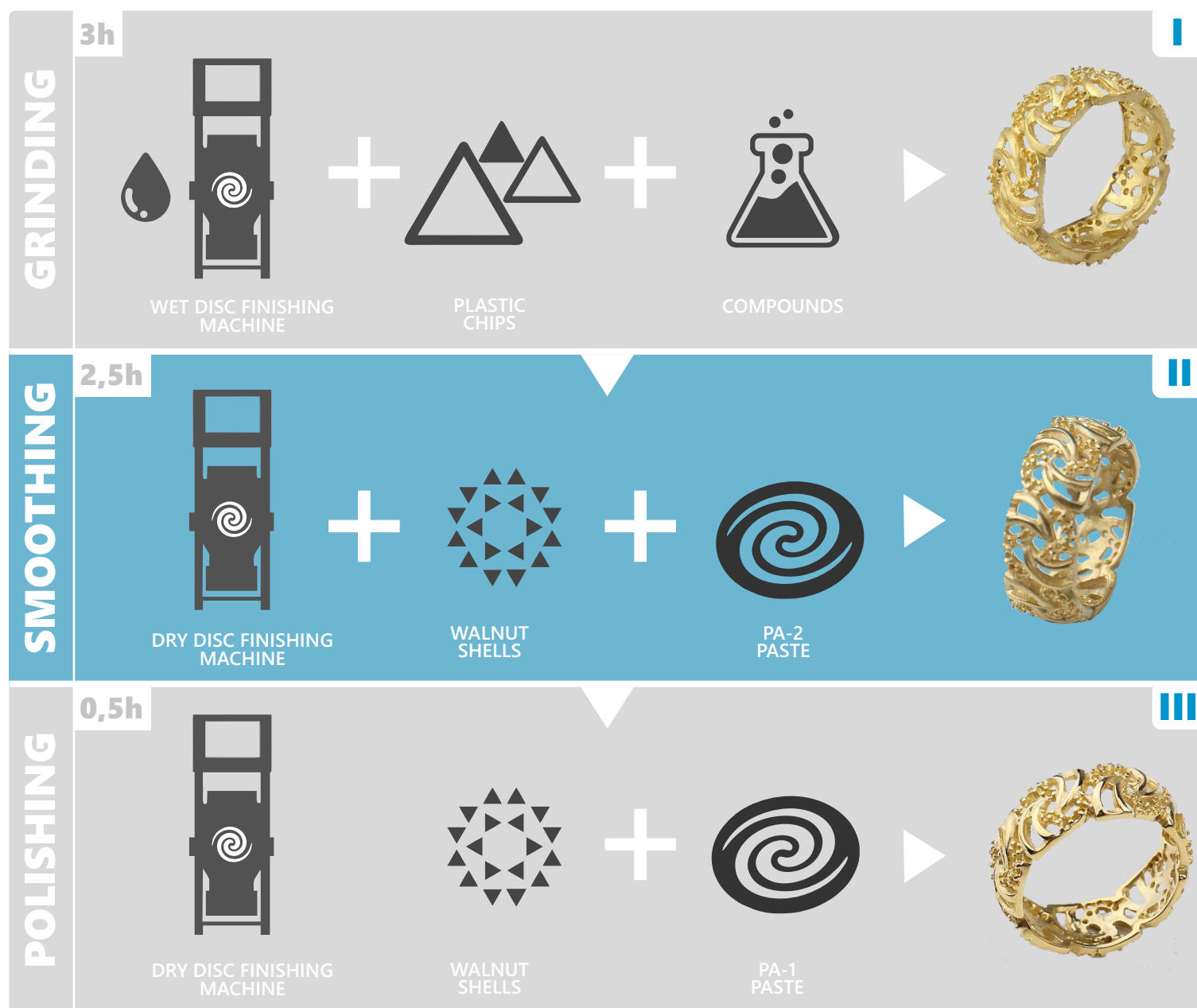
Fast and equally effective processing can be gained in a 2 stage process of polishing with the use of walnut shell granulate. The whole process takes place in a disc finishing machine and together with grinding takes about 6 hours. The result is perfect surfaces with mirror shine. What is more this technology is highly dependable for processing long

and flat workpieces which have tendency to packeting that is sticking together while being processed in round vibratory machines.

Thanks to curved shape of working bowl the risk of impingement is eliminated and the process efficiency is increased. Walnut shell process provides excellent results in short time!



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CEROFIN TECHNOLOGY FOR **MIRROR-LIKE** FINISHING

CEROFIN is AVALON's flagship technology that has been valued in the jewellery sector for years.

The processed surfaces gain mirror shine without visible technological scratches, characteristic of conventional manual processing. Precisely chosen parameters together with using AVALON machines guarantee repeatable cycles and the final effect is always on the highest level.

HOW DOES IT WORK?

Workpieces after grinding are followed by smoothing in a round vibratory machine. This stage is an integral part of the whole process. For the smoothing process porcelain chips CMG and GP20 powder are used. Special formula of the powder has 2 functions- in the initial stage it smoothenes the

surface and in the final stage it acts as polishing medium giving the workpieces initial polish. The second stage because of 16 hour working time is adjusted to working at night. The process takes place with closed lid what guarantees stable work. Such prepared surface is next brought under a process of final polishing in porcelain chips dedicated to this process. The workpieces have mirror shine not only on the outside but also on the inside.

