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Ross Lovegrove designs 3D-printed gold jewellery

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Designer Ross Lovegrove will present a series of 3D-printed 18 carat gold rings at Design Miami next week.



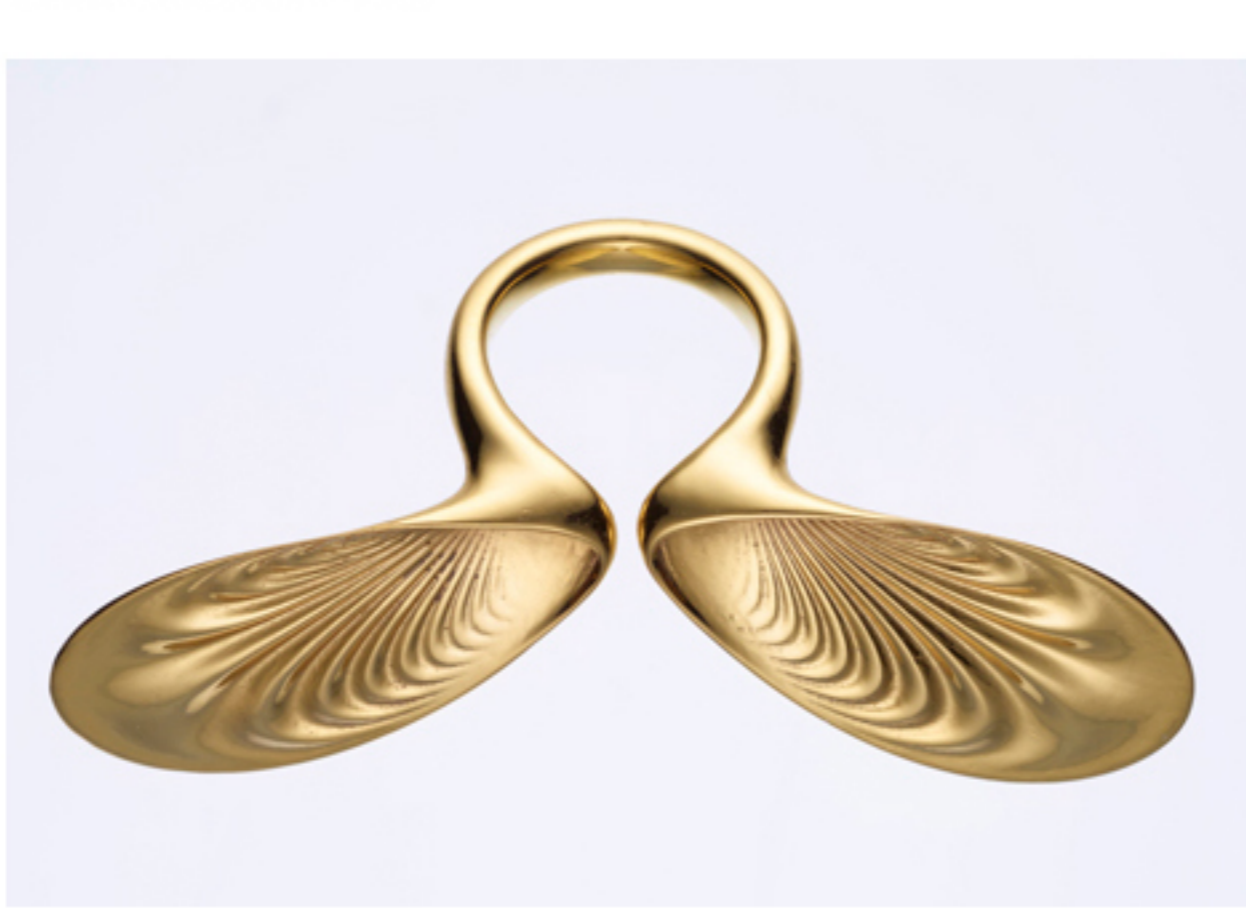
Lovegrove has created six rings, each of which will be produced in an edition of ten. The series, called Foliates, will be presented by the Louisa Guinness Gallery at Design Miami.



"These rings and this collection appear as if the very last virgin leaves of a tree or plant have unfurled from one's hand so that there is a relationship between the finger and the leaf, the gold appearing from the delicate void that I find so feminine and sensual and unattended," said Lovegrove.



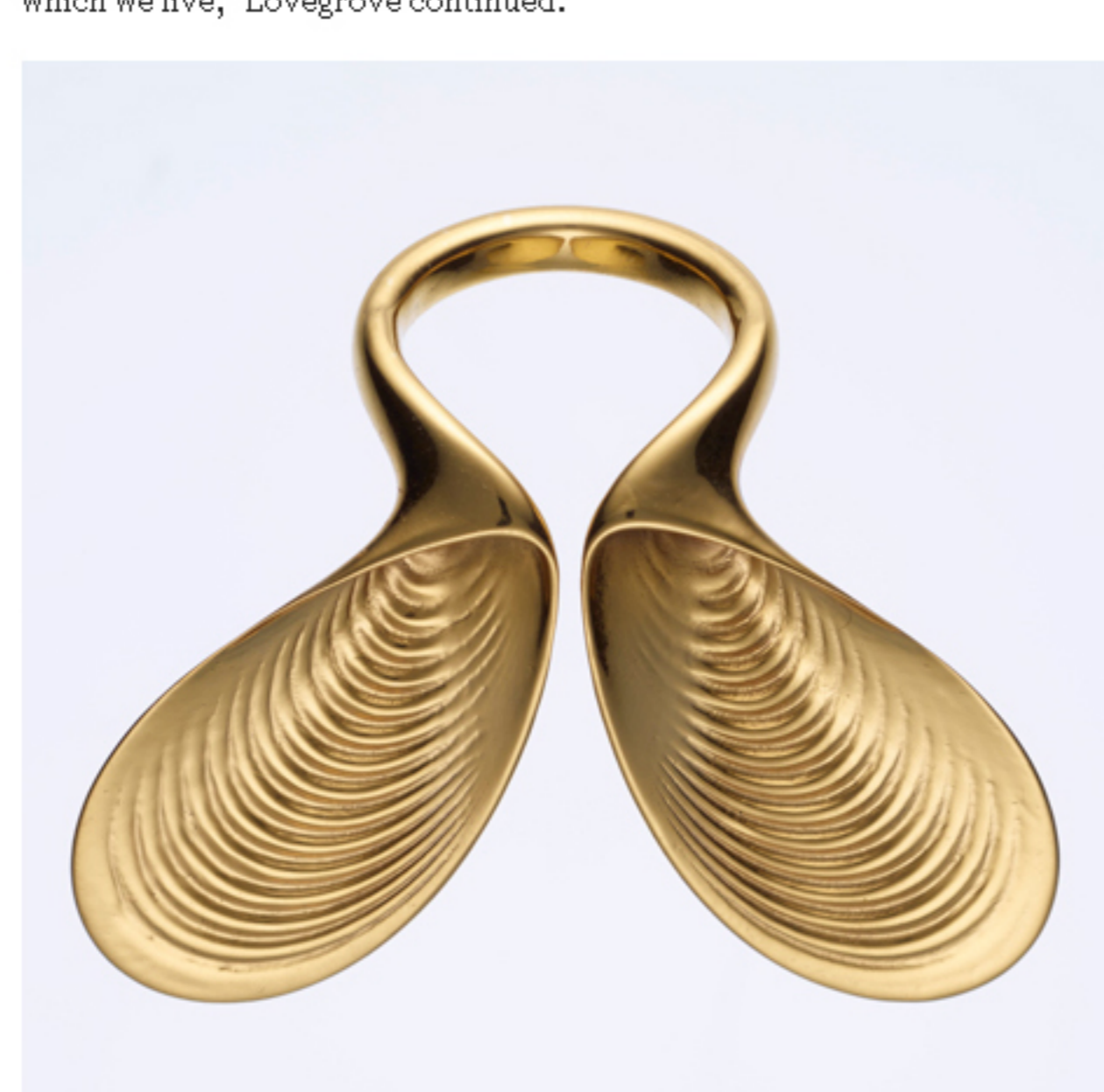
The flat rounded forms that flow from the bands are indented with digitally created patterns designed to mimic those found in nature. Lovegrove experimented with processes such as direct metal laser sintering and combining 3D-printing in wax with lost-wax casting to achieve these intricate surface details.



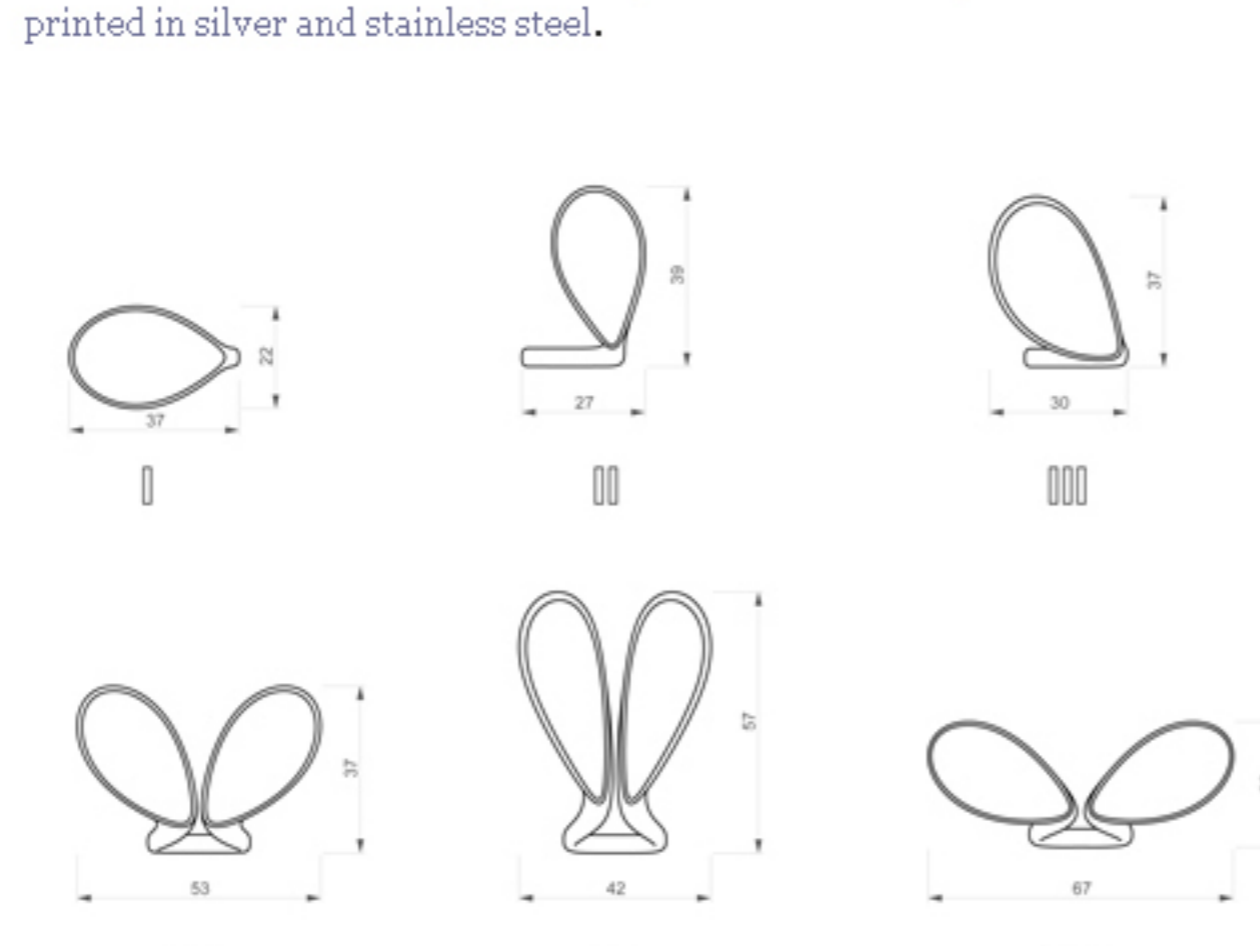
Half of the designs in the range have a single leaf-shaped element, while the others each include a symmetrical pair.



"They sit lightly, exploring the dynamics of space and the digital realm, converging organic design with the nature of naturalness that underlines my life's commitment to sourcing the trinity that can exist so succinctly when technology, materials and form converge in the advanced times in which we live," Lovegrove continued.

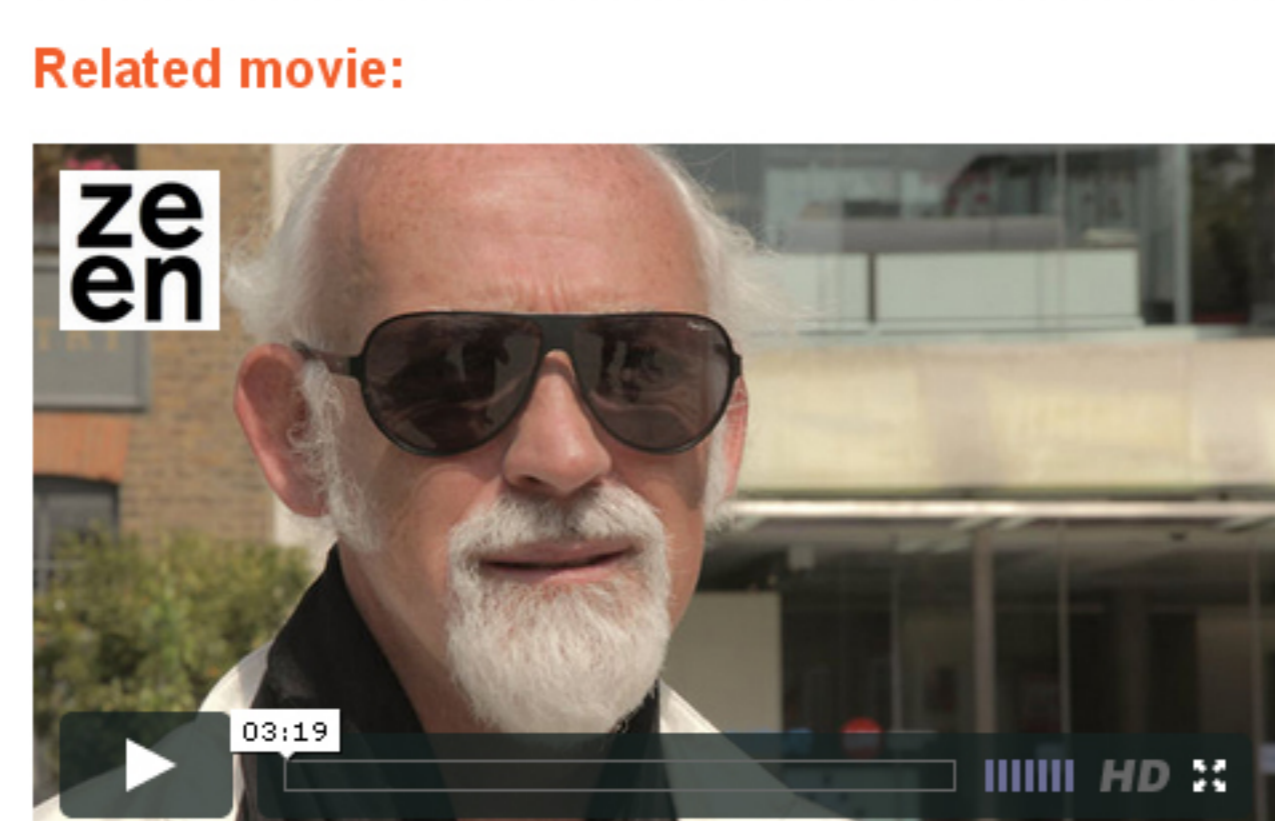


A few days ago we featured 3D monograms for necklace pendants that are printed in silver and stainless steel.



Scale drawings of the six rings

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