

Shape Memory Alloy Valves: Basics, Potentials, Design

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A miniature shape memory alloy pinch valve -

A normally closed miniature pinch valve employing a Nitinol shape memory alloy actuator to control flow in A miniature shape memory alloy pinch valve. Catherine M

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This book introduces shape memory alloy technology with a specific focus on valve applications. The authors describe application characteristics as well the current

Micro shape memory alloy valve - dolomite

The Micro Shape Memory Alloy Valve (MSMAV) is very small with dimensions of 4 x 16 x 16.5mm. It is especially suitable for low power consumption applications as it

Index - shape memory and superelastic alloys

shape memory alloy coil springs design. 63 9; SMA actuators design. based alloys. 33 5; switch valve; 120; T. TAI; thermodynamic potential; 143;

An implantable drug delivery system based on shape

An Implantable Drug Delivery System Based on Shape-Memory Alloys 331 Fig. 1. Basic design, shape memory alloys will on Shape-Memory Alloys 343 valve.

Properties of niti shape memory alloys with its

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teaching team we introduced the topic of Shape Memory Alloys and the Design in which the basic The students were given this scenario to design a valve

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OBTAINING SHAPE MEMORY ALLOY THIN LAYER linear behavior of Shape memory films as well as design and simulation of Few basic properties of shape memory thin

On the potentials of shape memory alloy valves -

the Potentials of Shape Memory Alloy Valves design-options of different applications is presented in the first part of the publications. This is followed by a

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While the potential applications for nitinol were realized immediately, peripheral stents and heart valves), D.C. Lagoudas, ed., Shape Memory Alloys,

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