

Zentallium[®]

Mainshaft & Spindleshaft for RC-Model Helicopter

description

These are light weight main-shaft and spindle-shaft for Radio Controlled Model Helicopter produced of mechanically alloyed Al-based materials with sustainable grain-size reduction and strengthening utilizing Carbon Nanotubes (CNTs).



Left, 10mm RC-Helicopter main-shaft
 Right, 8mm RC-Helicopter spindle-shaft

why & what

To fly a model helicopter or similar aircraft as long as possible, they must be built as light as possible. Subsequently developed the Zoz GmbH a 60% lighter Zentallium[®] main rotor shaft and spindle they are the same hardened shaft of stresses of a original steel shaft.



technical data, dimensions & cost		
for Mikado Logo 600 *	main rotor-shaft	spindle-shaft
length	195mm	110mm
diameter	10mm	8mm
bore hole	5mm	5mm
weight steel HRC52	78,93g	37,40g
weight Zentallium [®]	31,36g	12,36g
weight reduction	-60,27%	-66,95%
Price	on request	on request

*for other helicopter on inquiry



technical data subject to alterations