

Quote Form For TRUWAVE Wave Springs

As soon as a standard catalogue item cannot be considered for your application, Rotor Clip can offer custom designed wave springs without expensive tooling costs and with regards to your specification criteria. Please fill out this form and send it to the Rotor Clip engineering department (Fax: +1-732-805-6474, E-Mail: tech@rotorclip.com) which will check a feasible wave spring design with regards to your specifications.

CONTACT INFORMATION		
Name:		Date:
Company:		Department:
Street:		City:
Postal Code / ZIP:		Country:
Phone:	Fax:	Email:






Radial Guide / Pilot	
<p>A multi turn flat wire wave spring has to be guided/piloted radially in order to avoid skipping of the turns. Please indicate a radial guide:</p>	
Bore Diameter: <input type="checkbox"/> [mm] <input type="checkbox"/> [inch]	Shaft Diameter <input type="checkbox"/> [mm] <input type="checkbox"/> [inch]
<input type="checkbox"/> Pilots and Operates in Bore Diameter <input type="checkbox"/> Pilots Over and Clears Shaft Diameter <input type="checkbox"/> Clings in Bore Diameter* <input type="checkbox"/> Clings on Shaft Diameter <small>*for Single Turn Wave Springs only</small>	

Load Specifications	
Please define the load(s) required at given work height(s). Values in: <input type="checkbox"/> [N] and [mm] or <input type="checkbox"/> [lbs] and [inch]	
Static Application	Dynamic Application/ Endplay Take-up
_____ at _____ Load (Min. / Max.) Work Height	_____ at _____ Load 1 (Min. / Max.) 1. Work Height
	_____ at _____ Load 2 (Min. / Max.) 2. Work Height
Free Height: <input type="checkbox"/> min. <input type="checkbox"/> max.	

Cycle Life	
Please specify the required cycle life:	
<input type="checkbox"/> Static Application	<input type="checkbox"/> 10^5 Cycles
<input type="checkbox"/> $< 10^4$ Cycles	<input type="checkbox"/> $> 10^6$ Cycles
	<input type="checkbox"/> 10^6 Cycles

Operating Conditions	
Please define under which conditions the wave spring is expected to operate:	
Max. Temperature:	°C / °F
The spring will be in contact with:	

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Type				
				
One turn with gap <input type="checkbox"/>	One turn with overlapping ends <input type="checkbox"/>	Multiple turns with plain ends <input type="checkbox"/>	Multiple turns with parallel ends <input type="checkbox"/>	Multiple nested turns <input type="checkbox"/>

Material (Standard)	
<input type="checkbox"/> Carbon Spring Steel (SAE 1070 – 1090)	<input type="checkbox"/> 17-7PH Condition CH900 Stainless (DIN Material No.: 1.4568)

Special Grades	
<input type="checkbox"/> AISI 302 Stainless (DIN Material No.: 1.4319)	<input type="checkbox"/> Elgiloy (DIN Material No.: 2.4711)
<input type="checkbox"/> AISI 316 Stainless (DIN Material No.: 1.4401)	<input type="checkbox"/> Hastelloy C276 (DIN Material No.: 2.4819)
<input type="checkbox"/> A286 (DIN Material No.: 1.4980)	<input type="checkbox"/> Beryllium-Copper (DIN Material No.: 2.1247)
<input type="checkbox"/> Inconel X-750 (DIN Material No.: 2.4669)	<input type="checkbox"/> Phosphor-Bronze (DIN Material No.: 2.1030)

Finish		
What is the finish requirement of your application:		
<input type="checkbox"/> Oiled (Standard with Carbon Spring Steel)	<input type="checkbox"/> Vibratory Finishing	<input type="checkbox"/> Electropolish
<input type="checkbox"/> Degreased & Ultrasonic-Cleaned (Stainless Steel)	<input type="checkbox"/> Black Oxide	with _____ μm abrasion rate
<input type="checkbox"/> Passivation	<input type="checkbox"/> Deburred	<input type="checkbox"/> Other: _____

Volume	Delivery Time
Prototype Volume:	Prototype:
Series Volume:	Series:

Description of Application / Sketch