

TECHNICAL SPECIFICATIONS OF COMPRESSION SPRINGS

	Code	Unit	Description
	a_0	mm	Clearance between active coils of a spring under no load
	$D = \frac{D_e + D_i}{2}$	mm	Mean winding diameter
*	D_e	mm	External spring diameter
	ΔD_e	mm	External spring diameter expansion under load
	D_i	mm	Internal spring diameter
*	d	mm	Nominal wire (rod) diameter
	F	N	Spring flexibility
	F_1, F_2	N	Flexibility relative to lengths L_1, L_2
	$F_{c\ th}$	N	Theoretical force at solid height L_c (actual force is usually higher)
	F_n	N	Flexibility relative to min. length L_n
	L	mm	Spring length
*	L_0	mm	Nominal length of no load spring
	L_1, L_2	mm	Nominal lengths appropriate to F_1, F_2 spring forces
	L_c	mm	Solid height (all coils contacting each other)
	L_n	mm	Minimal allowable spring length with respect to S_a
	S_a	mm	Number of the closest gaps between individual active coils at length L_n
*	m	mm	Thread pitch
	N		Number of load cycles up to fracture
*	n		Number of active coils
*	n_t		Total number of coils

* Coils - left
- right

* Material

* Quantity

* Type of spring ending
Contact surfaces - squared and ground
- not ground

Please specify more requirements in your order.

If you have drawings, please send them to us by fax or e-mail in the JPG,

PDF etc. format, or in a CAD format (.dwg, .dxf, .igs, .iges etc.)

Or send us a sample and we will process your order based on it.

* - Information necessary for processing your request