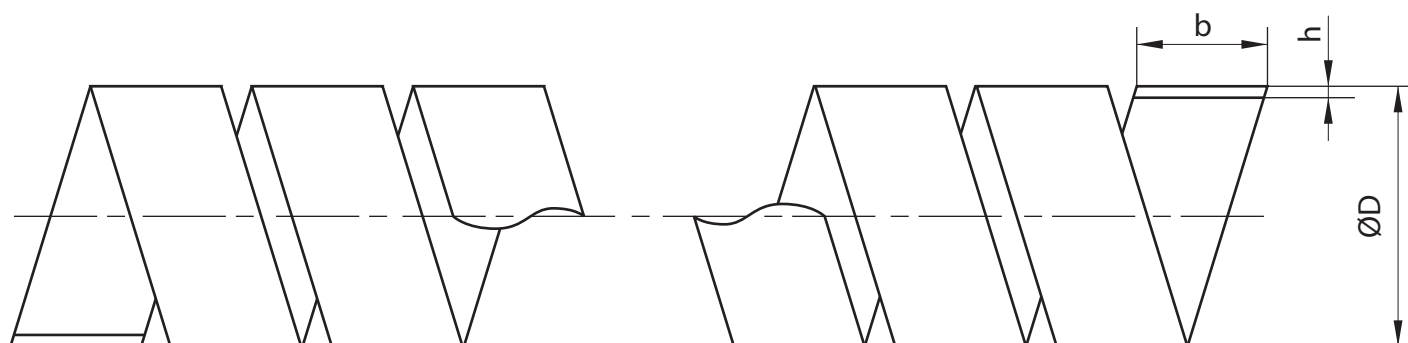


spring specification

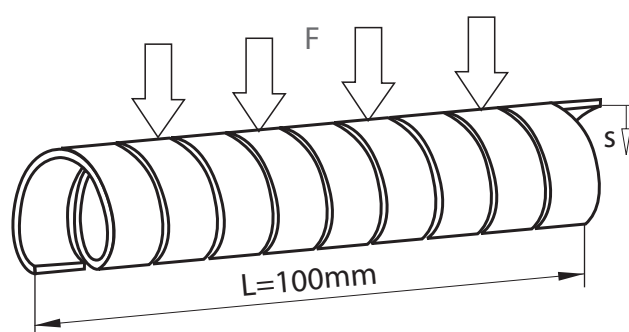
s-mart helicoil spring



standard dimensions

width b [mm]	height h [mm]	outside diameter D [mm]	maximum load F_{max} [N]	max deflection s_{max} [mm]	spring rate c [N/mm]
0,6	0,06	1,5	360	0,40	900
0,6	0,12	2,5	600	0,60	1000
1,2	0,15	4	900	0,66	1363
2,0	0,15	6	760	0,94	808
3,0	0,30	8,5	1300	1,36	956
4,0	0,4	11,7	2200	1,90	1158

the tabulated spring force and the spring rate refer to a spring length of 100 mm.



material

nomenclature	DIN Nr.	usability*
X12 CrNi 17 7**	1.4310	standard usage up to 250 °C

* further details referring to the material according to materials of spring overview

** standard length is 1000 mm