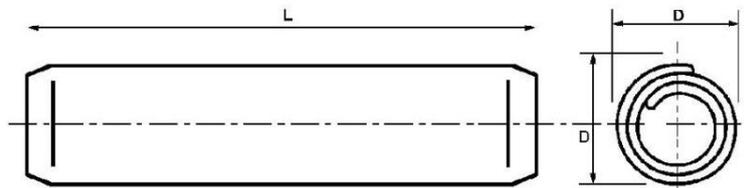


COILED SPRING PINS STANDARD DUTY

ISO 8750

Coiled spring pins consist of 2.1/4 coils of spring steel (CS 67 and DIN 17222, hardened and tempered to HV 420-520) or stainless steel A2 and have swaged chamfers at each end. They are designed for plain drilled holes, but countersinking will make insertion easier. Available as standard duty, heavy duty available to order. Coiled pins are normally supplied with a plain oiled finish. Steel pins may be given a protective finish such as zinc, phosphate, etc. but for electrolytically applied finishes it is essential to de-embrittle the pins immediately after plating. Since the de-embrittlement process is not completely reliable, non-electrolytic finishes or stainless should be used for safety-critical applications. Where pins are to be used in plastic assemblies, it is recommended that they be de-oiled before use to avoid embrittlement of the plastic.



Standard Duty ISO8750						
Nom. Dia.	Expanded dia. D		Rec. Hole Size		Carbon steel Min. double shear kN	A2 Stainless Min. double shear kN
	Max.	Min.	Max.	Min.		
0.80	0.91	0.85	0.84	0.80	0.40	-
1.00	1.15	1.05	1.04	1.00	0.60	-
1.20	1.35	1.25	1.24	1.20	0.90	-
1.50	1.73	1.62	1.60	1.50	1.45	1.05
2.00	2.25	2.13	2.10	1.99	2.50	1.90
2.50	2.78	2.65	2.60	2.49	3.90	2.90
3.00	3.30	3.15	3.10	2.99	5.50	4.20
3.50	3.84	3.67	3.62	3.48	7.50	-
4.00	4.40	4.20	4.12	3.98	9.60	7.50
5.00	5.50	5.25	5.12	4.95	15.00	11.50
6.00	6.50	6.25	6.13	5.95	22.00	16.80
8.00	8.63	8.30	8.17	7.93	39.00	30.00
10.00	10.80	10.35	10.20	9.93	62.00	-
12.00	12.85	12.40	12.22	11.90	89.00	-
14.00	14.45	14.95	14.25	13.85	120.00	-
16.00	16.45	17.00	16.25	15.85	160.00	-