

UDC 621.886.5

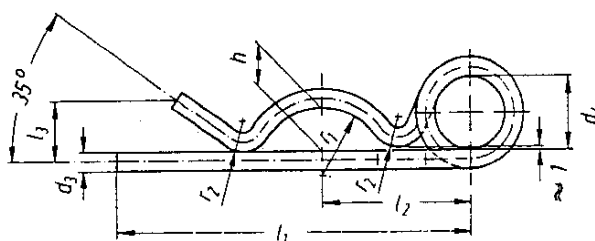
January 1973

Spring Cotters

DIN
 11 024

Federstecker

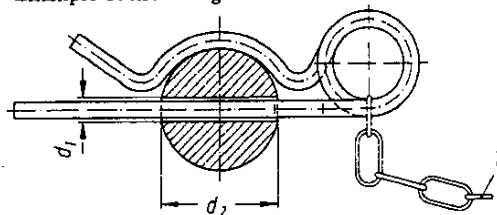
Dimensions in mm

Permissible lateral offset of both wires $\pm 0.4 d_3$

Number of coils as shown



Example of mounting

Description of a spring cotter for hole diameter $d_1 = 5$ mm as nominal diameter, galvanized.

Spring cotter 5 DIN 11 024 — galvanized

Hole diameter d_1 H 13	Axle or shaft Outer diameter d_2	Cotter size								Weight in kg per 100 piece ≈
		d_3	d_4	l_1	l_2	l_3	h	r_1	r_2	
2,5	from 9 to 11.2	2,25	20	42	24	5,5	2,5	5,6	4	0,59
3,2	more than 11.2 up to 14	2,8	20	48	26	7	3	7	5	0,99
4	more than 14 up to 20	3,6	20	64	32	10	4,5	10	6,5	1,89
5	more than 20 up to 26	4,5	25	80	39	12,5	7	13	8	3,54
6,3	more than 26 up to 34	5,6	25	97	45	16	9	17	10	6,18
7	more than 34 up to 45	6,3	30	125	56	21	12,5	22,5	11,5	9,7
8	more than 45 up to 56	7	30	150	63	25,5	17,5	28	12,5	13,4

Material: Wire . . . A DIN 2076, quality requirements according to DIN 17 223

Execution: ends cut free from burrs

Surface treatment: e.g. phosphated, galvanized, cadmium-plated

Permissible variations on turn diameter: coarse according to DIN 2095

1) It is recommended to connect the spring cotter with the unit to be locked so that it cannot be lost.