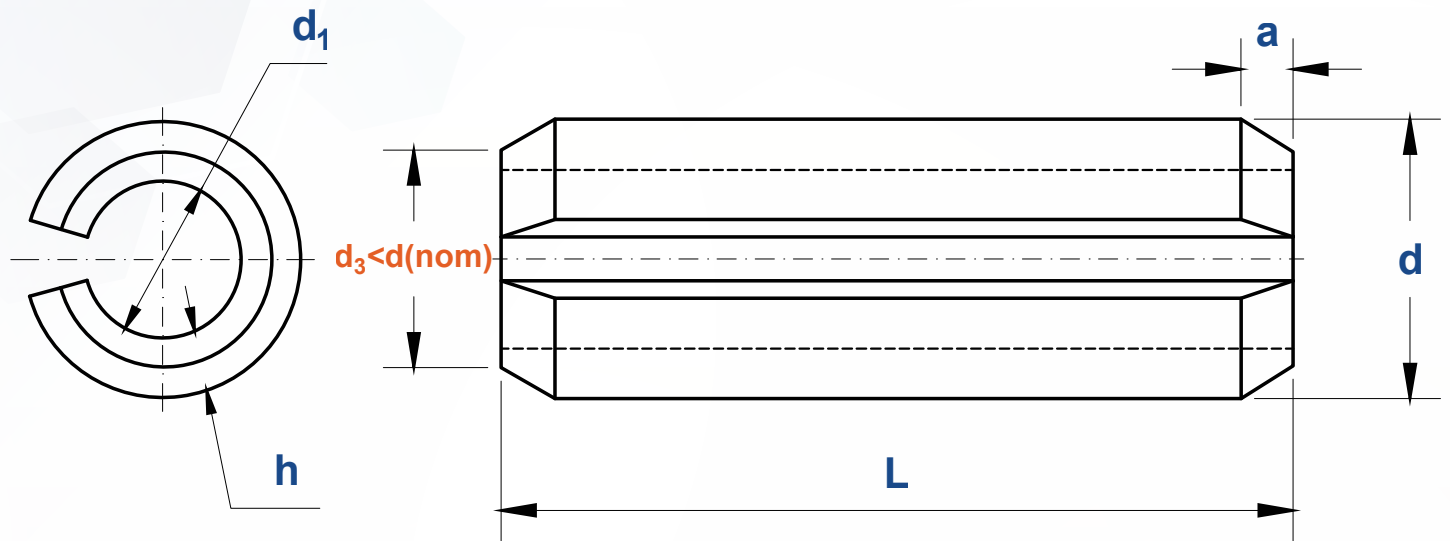




Nominal Diameter		Φ1	Φ1.5	Φ2	Φ2.5	Φ3	Φ3.5	Φ4	Φ4.5	Φ5	Φ6	Φ8	Φ10	Φ12	Φ13
d	max(Before assembly)	1.3	1.8	2.4	2.9	3.5	4	4.6	5.1	5.6	6.7	8.8	10.8	12.8	13.8
	min(Before assembly)	1.2	1.7	2.3	2.8	3.3	3.8	4.4	4.9	5.4	6.4	8.5	10.5	12.5	13.5
d₁	Ref.(Before assembly)	0.8	1.1	1.5	1.8	2.1	2.3	2.8	2.9	3.4	4	5.5	6.5	7.5	8.5
a	max	0.35	0.45	0.55	0.6	0.7	0.8	0.85	1	1.1	1.4	2	2.4	2.4	2.4
	min	0.15	0.25	0.35	0.4	0.5	0.6	0.65	0.8	0.9	1.2	1.6	2	2	2
h		0.2	0.3	0.4	0.5	0.6	0.75	0.8	1	1	1.2	1.5	2	2.5	2.5
Minimum Double Shear,kN		0.7	1.58	2.82	4.38	6.32	9.06	11.24	15.36	17.54	26.04	42.76	70.16	104.1	115.1

Nominal Diameter		Φ14	Φ16	Φ18	Φ20	Φ21	Φ25	Φ28	Φ30	Φ32	Φ35	Φ38	Φ40	Φ45	Φ50
d	max(Before assembly)	14.8	16.8	18.9	20.9	21.9	25.9	28.9	30.9	32.9	35.9	38.9	40.9	45.9	50.9
	min(Before assembly)	14.5	16.5	18.5	20.5	21.5	25.5	28.5	30.5	32.5	35.5	38.5	40.5	45.5	50.5
d₁	Ref.(Before assembly)	8.5	10.5	11.5	12.5	13.5	15.5	17.5	18.5	20.5	21.5	23.5	25.5	28.5	31.5
a	max	2.4	2.4	2.4	3.4	3.4	3.4	3.4	3.4	3.6	3.6	4.6	4.6	4.6	4.6
	min	2	2	2	3	3	3	3	3	3	3	4	4	4	4
h		3	3	3.5	4	4	5	5.5	6	6	7	7.5	7.5	8.5	9.5
Minimum Double Shear,kN		144.7	171	222.5	280.6	298.2	438.5	542.6	631.4	684	859	1003	1068	1360	1685

①. Material:

- 1) Plain carbon steel with C ≥ 0.65%, Mn ≥ 0.5% hardened and tempered to a Vickers hardness of 420 HV to 520 HV or austempered to a Vickers hardness of 500 HV to 560 HV or Silicon manganese steel with C ≥ 0.65%, Si ≥ 1.5%, Mn ≥ 0.7% hardened and tempered to a Vickers hardness of 420 HV to 560 HV.
- 2) Austenitic stainless steel A Chemical composition limits C ≤ 0.15, Mn ≤ 2, Si ≤ 1.5, Cr 16-20, Ni 6-12, P ≤ 0.045, S ≤ 0.03, Mo ≤ 0.8 Cold worked
- 3) Martensitic stainless steel C Chemical composition limits C ≥ 0.15, Mn ≤ 1, Si ≤ 1, Cr 11.5-14, Ni ≤ 1, P ≤ 0.04, S ≤ 0.03 hardened and tempered to a Vickers hardness of 440 HV to 560 HV.
- 4) Hardness testing in accordance with ISO 6507-1.