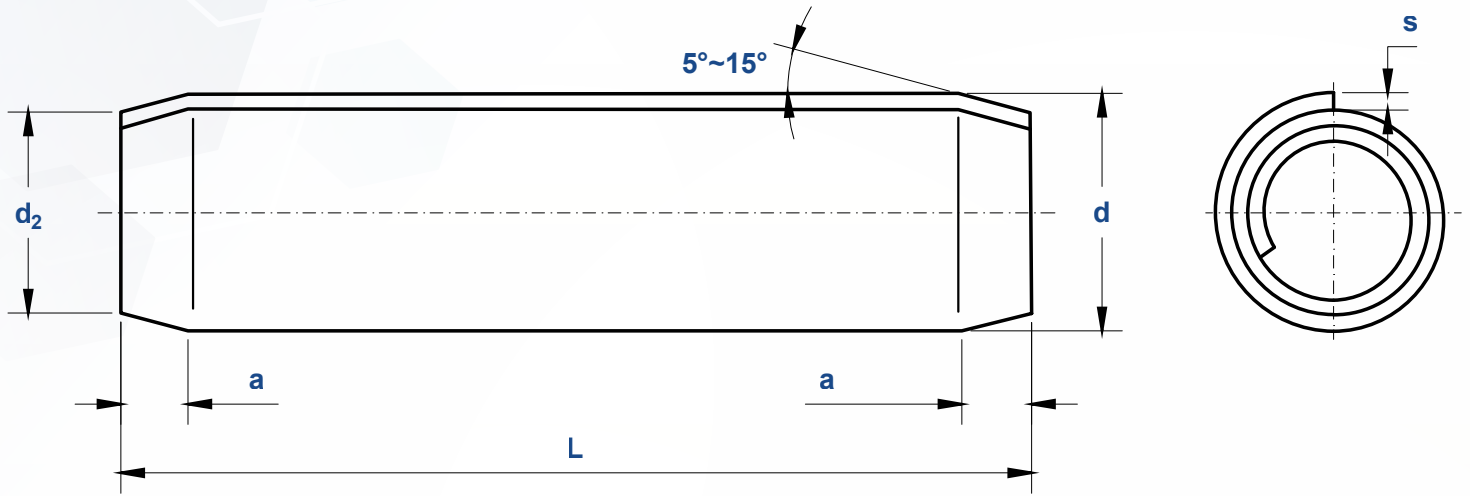




Nominal Diameter d		Φ0.8	Φ1	Φ1.2	Φ1.5	Φ2	Φ2.5	Φ3	Φ3.5
α	≈	0.2	0.3	0.4	0.5	0.7	0.8	1	1.2
s		0.07	0.08	0.1	0.13	0.17	0.21	0.25	0.29
d	min=nominal size	0.85	1.1	1.3	1.62	2.15	2.65	3.15	3.67
	max	0.9	1.15	1.4	1.72	2.25	2.8	3.3	3.84
d ₂	max=nominal size	0.75	0.95	1.15	1.4	1.9	2.35	2.85	3.35
	min	0.7	0.85	1.05	1.3	1.75	2.2	2.7	3.15
Minimum shear strength, single (kN)		0.2058	0.294	0.441	0.7154	1.2642	1.9012	2.7048	3.6946
Minimum Double Shear,kN		0.4116	0.588	0.882	1.4308	2.5284	3.8024	5.4096	7.3892

Nominal Diameter d		Φ4	Φ5	Φ6	Φ8	Φ10	Φ12	Φ14	Φ16
α	≈	1.3	1.7	2	3	3	4	4.5	5
s		0.33	0.42	0.5	0.67	0.84	1	1.2	1.3
d	min=nominal size	4.2	5.25	6.25	8.35	10.45	12.5	14.55	16.55
	max	4.4	5.5	6.5	8.6	10.8	12.85	14.95	17
d ₂	max=nominal size	3.8	4.8	5.8	7.75	9.6	11.5	13.5	15.4
	min	3.6	4.5	5.4	7.25	9	10.8	12.6	14.4
Minimum shear strength, single (kN)		4.8314	7.4872	10.829	19.208	30.4976	43.953	60.3876	74.529
Minimum Double Shear,kN		9.6628	14.9744	21.658	38.416	60.9952	87.906	120.7752	149.058

①, Material:

a) Ck67 DIN 17222, Hardness HV=416~524kp/mm²

b) Other materials by agreement.