

Nominal Diameter d			Φ1	Φ1.5	Φ2	Φ2.5	Φ3	Φ3.5	Φ4	Φ4.5	Φ5	Φ6	Φ8	Φ10	Φ12	Φ13
d	Before mounting	min	1.30	1.80	2.40	2.90	3.50	4.00	4.60	5.10	5.60	6.70	8.80	10.80	12.80	13.80
		max	1.20	1.70	2.30	2.80	3.30	3.80	4.40	4.90	5.40	6.40	8.50	10.50	12.50	13.50
d _i	Before mounting		0.80	1.10	1.50	1.80	2.10	2.30	2.80	2.90	3.40	4.00	5.50	6.50	7.50	8.50
a	min		0.35	0.45	0.55	0.60	0.70	0.80	0.85	1.00	1.10	1.40	2.00	2.40	2.40	2.40
	max		0.15	0.25	0.35	0.40	0.50	0.60	0.65	0.80	0.90	1.20	1.60	2.00	2.00	2.00
h			0.20	0.30	0.40	0.50	0.60	0.75	0.80	1.00	1.00	1.20	1.50	2.00	2.50	2.50
Minimum Double Shear,kN ^①			0.70	1.58	2.82	4.38	6.32	9.06	11.24	15.36	17.54	26.04	42.76	70.16	104.10	115.10

①,Applies to steel and martensitic corrosion resistant steel products only. For austenitic stainless pins, no double shear strength values are specified

Nominal Diameter			Φ14	Φ16	Φ18	Φ20	Φ21	Φ25	Φ28	Φ30	Φ32	Φ35	Φ38	Φ40	Φ45	Φ50
d	Before mounting	min	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
		max	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
d ₁	Before mounting		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	min		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
	max		2.0	2.0	2.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	4.0	4.0	4.0	4.0
h			3.0	3.0	3.5	4.0	4.0	5.0	5.5	6.0	6.0	7.0	7.5	7.5	8.5	9.5
Minimum Double Shear,kN ①			144.7	171.0	222.5	280.6	298.2	438.5	542.6	631.4	684.0	859.0	1003.0	1068.0	1360.0	1685.0

①,Applies to steel and martensitic corrosion resistant steel products only. For austenitic stainless pins, no double shear strength values are specified