

Nominal Diameter		Φ1	Φ1.5	Φ2	Φ2.5	Φ3	Φ3.5	Φ4	Φ4.5	Φ5	Φ6	Φ8	Φ10	Φ12	Φ13
d	max(Before assembly)	1.30	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
	min(Before assembly)	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 ₁	Ref.(Before assembly)	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	max	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
	min	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		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

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
d ₁	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	2.0	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		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