



Nominal Diameter		Φ1.6 N	Φ1.6 R	Φ1.6 W	Φ2 N	Φ2 R	Φ2 W	Φ2.5 N	Φ2.5 R	Φ2.5 W	Φ3 N	Φ3 R	Φ3 W	Φ3.5 N
Series ^①		N	R	W	N	R	W	N	R	W	N	R	W	N
d	max	2.09	2.09	2.09	2.64	2.64	2.64	3.14	3.14	3.14	3.68	3.68	3.68	4.18
	min	1.95	1.95	1.95	2.50	2.50	2.50	3.00	3.00	3.00	3.50	3.50	3.50	4.00
dc	max	4	5	6	5	6	8	6	8	10	7	10	12	9
	min	3.70	4.70	5.70	4.70	5.70	7.64	5.70	7.64	9.64	6.64	9.64	11.57	8.64
h	max	0.70	0.70	0.90	0.90	0.90	0.90	0.90	0.90	1.20	0.90	1.20	1.40	1.20
	min	0.50	0.50	0.60	0.60	0.60	0.60	0.60	0.60	0.80	0.60	0.80	1.00	0.80

Nominal Diameter		Φ3.5 R	Φ3.5 W	Φ4 N	Φ4 R	Φ4 W	Φ5 N	Φ5 R	Φ5 W	Φ6 N	Φ6 R	Φ6 W	Φ8 N	Φ8 R
Series ^①		R	W	N	R	W	N	R	W	N	R	W	N	R
d	max	4.18	4.18	4.88	4.88	4.88	5.78	5.78	5.78	6.87	6.87	6.87	9.12	9.12
	min	4.00	4.00	4.70	4.70	4.70	5.60	5.60	5.60	6.65	6.65	6.65	8.90	8.90
dc	max	10	15	10	12	16	11	15	20	13	18.8	25.4	18.8	25.4
	min	9.64	14.57	9.64	11.57	15.57	10.57	14.57	19.48	12.57	18.28	24.88	18.28	24.88
h	max	1.40	1.75	1.20	1.40	2.30	1.40	1.75	2.30	1.75	1.75	2.30	2.30	2.30
	min	1.00	1.20	0.80	1.00	1.60	1.00	1.20	1.60	1.20	1.20	1.60	1.60	1.60

Nominal Diameter		Φ8 W	Φ10 N	Φ10 R	Φ10 W	Φ12 N	Φ12 R	Φ12 W	Φ14 N	Φ14 R	Φ14 W	Φ16 N	Φ16 R	Φ16 W
Series ^①		W	N	R	W	N	R	W	N	R	W	N	R	W
d	max	9.12	11.12	11.12	11.12	13.57	13.57	13.57	15.52	15.52	15.52	17.52	17.52	17.68
	min	8.90	10.85	10.85	10.85	13.30	13.30	13.30	15.25	15.25	15.25	17.25	17.25	17.25
dc	max	32	20	28	39	25.4	34	44	28	39	50	32	44	56
	min	31.38	19.48	27.48	38.38	24.88	33.38	43.38	27.48	38.38	49.38	31.38	43.38	54.80
h	max	2.80	2.30	2.80	3.50	2.80	3.50	3.50	2.80	3.50	4.00	3.50	4.00	4.60
	min	2.00	1.60	2.00	2.50	2.00	2.50	2.50	2.00	2.50	3.00	2.50	3.00	3.50

Nominal Diameter		Φ20 N	Φ20 R	Φ20 W	Φ24 N	Φ24 R	Φ24 W	Φ30 N	Φ30 R	Φ30 W	Φ36 N	Φ36 R	Φ36 W
Series ^①		N	R	W	N	R	W	N	R	W	N	R	W
d	max	22.13	22.32	22.32	26.12	26.12	26.12	33.02	33.02	33.02	38.92	38.92	38.92
	min	21.80	21.80	21.80	25.60	25.60	25.60	32.40	32.40	32.40	38.30	38.30	38.30
dc	max	39	50	66	44	56	72	56	72	90	66	90	110
	min	38.38	49.00	64.80	43.00	54.80	70.80	54.80	70.80	88.60	64.80	88.60	108.60
h	max	4.00	4.60	5.10	4.60	5.10	5.60	5.10	5.60	6.40	5.60	6.40	8.50
	min	3.00	3.50	4.00	3.50	4.00	4.50	4.00	4.50	5.00	4.50	5.00	7.00

①, N: Narrow
R: Regular
W: Wide