Nidec

Measuring Quality

Master Air Gauge

Master Plug Gauge The master gauge used in measurement comparison is not only heat treated, but also sub-zero treated to make exceptionally precise and high quality parts. These are used to calibrate the probe sensors maximum and minimum points of the range. The plug style masters are used to calibrate OD type through hole sensor probes.

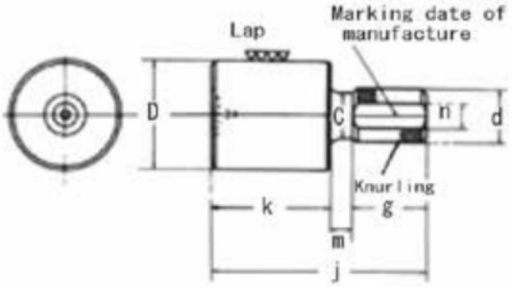


Fig. A

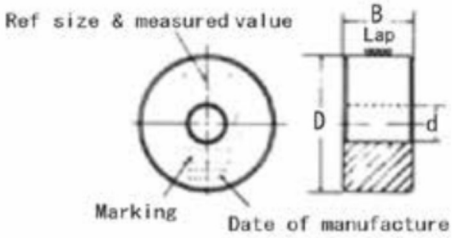


Fig. B

Master Plug Dimensions

	Size D	k	m	g	j	d	c	n
Fig. A	1 to 3 mm	10	2	12	24	5	D-0.3	3
	3 to 6 mm	12	2	12	26	6	3.5	3
	6 to 10 mm	16	2	12	30	7	5	3.5
	10 to 14 mm	20	4	14	38	8	6	4
	14 to 18 mm	24	4	16	44	9	8	5
	18 to 24 mm	28	6	18	52	12	9	6
	24 to 30 mm	32	6	20	58	15	12	7
	30 to 40 mm	36	8	24	68	18	15	8
	40 to 50 mm	42	8	28	78	22	19	9

	Size D	B	d
Fig. B	50 to 80 mm	30	16
	80 to 100	36	20

Material: SKS3
Hardness: HRC58 ~ 63
Sub-Zero treatment

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