



GASKET LIMIT GAUGE for width and height measurement

INSTRUCTION MANUAL

Model No.: GST-*

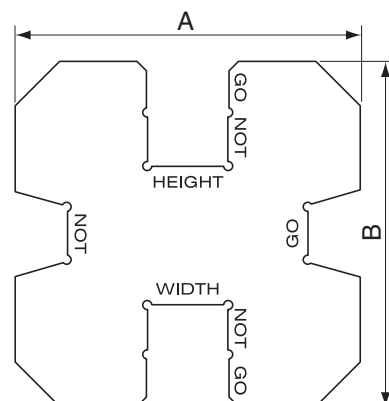
Thank you for purchasing the Gasket Limit Gauge for width and height measurement.
Please read this document before use for proper operation.

APPLICATION

- Pass/Fail testing of Ring Joint Gasket width and height.
(Limit test of width, height, and flat width for octagonal type gaskets; For oval type, limit testing of gasket width.)

SPECIFICATIONS

- Conforms to JPI-7S-23 standard for GO/NOT
- Material: Stainless Steel
- Thickness: 1.5mm
- Gasket Width Tolerance: $\pm 0.20\text{mm}$
Gasket Height Tolerance: $\pm 0.5\text{mm}$
Octagonal Type Radius Tolerance: $\pm 0.5\text{mm}$



Model No.	Dimensions (mm)		Applicable Ring No.	Both Types	Octagonal Type Dimensions			Weight
	A	B		Gasket Width (mm)	Gasket Height (mm)	Octagonal Type - Width (mm)	Octagonal Type - Corner Radius (mm)	
GST-1	80	80	21,23,24,26,27,30,31,34,35,37,39,41,44,45,49,53,57,61,65,69,82,84,92,99	11.13	15.7	7.75	1.5	53g
GST-2	80	80	28,32,46,73	12.70	17.5	8.66	1.5	53g
GST-3	80	80	38,50,54,62,66,77,86,87	15.88	20.6	10.49	1.5	110g
GST-4	120	120	42,47,70,74,88,89,93,94,95	19.05	23.9	12.32	1.5	110g
GST-5	120	120	51,58,96,97,98	22.22	26.9	14.81	1.5	110g
GST-6	140	140	63,78	25.40	31.8	17.30	2.3	139g
GST-7	140	140	55,67,71,100	28.58	35.1	19.81	2.3	139g

EXAMPLES

Ex. 1 To check gasket width...①

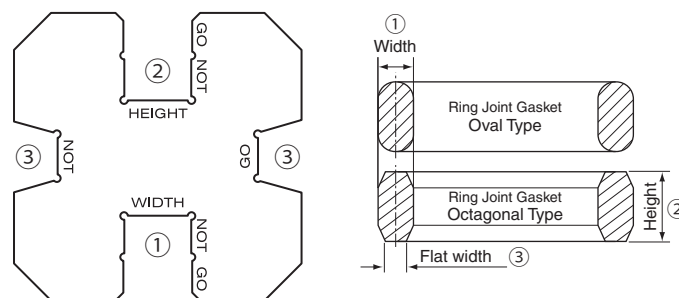
Insert Gasket into gauge section marked "WIDTH"
To pass test, part should enter "GO" portion of gauge and not enter "NOT" section.

Ex. 2 To check gasket height...②

Insert Gasket into gauge section marked "HEIGHT"
To pass test, part should enter "GO" portion of gauge and not enter "NOT" section.

Ex. 3 To check edge flat width...③

For Pass/Fail testing of edge flat width on Octagonal Type Gaskets.
To pass test, part should fully enter "GO" portion of gauge, but not the "NOT" section.



Model No.	① Gasket Width (mm)		② Gasket Height (mm)		③ Octagon Flat Width (mm)	
	GO	NOT	GO	NOT	GO	NOT
GST-1	11.33	10.93	16.20	15.20	7.95	7.55
GST-2	12.90	12.50	18.00	17.00	8.86	8.46
GST-3	16.08	15.68	21.10	20.10	10.69	10.29
GST-4	19.25	18.85	24.40	23.40	12.52	12.12
GST-5	22.42	22.02	27.40	26.40	15.01	14.61
GST-6	25.60	25.20	32.30	31.30	17.50	17.10
GST-7	28.78	28.38	35.60	34.60	20.01	19.61

CAUTION

- This is a precision instrument, handle with care. Do not drop or subject to excessive forces.
- Use care to prevent damage to measurement surfaces.
- After use, remove any dirt and keep in dry location to prevent corrosion.
- Use only for intended purpose. Improper use may cause accident or injury.

SK Niigata seiki Co., Ltd.

6-15-22, Tsukanome, Sanjo, Niigata, Japan, 955-0055
Tel.: +81-256-31-5670 Fax.: +81-256-39-7730
MAIL: intl.sales@niigataseiki.co.jp
URL: http://www.niigataseiki.co.jp