



STi INSPECTION GAGE



1. Pipe Bending Inspection Gage
2. Connecting Rod Inspection Gage
3. Gear Checker
4. Car Engine Block Inspection Gage
5. Hole Position Gage
6. Depth Comparative Gage with Master
7. Special Gage Block
8. Color Indicator Adjustable Gage
9. Special Gap Gage
10. Caliper with Special Jaws
11. Deep Hole Plug Gage (light)
12. Special Air Plug Gage
13. Connecting Rod Inspection Gage
14. Leak Tester

GAGE TYPE OFFERED

- **Plain Limit Gage.** Plug, Snap, Ring gage.
- **Thread Gage.** Plug, Ring, Plug with Length Indicator Thread Concentricity gage.
- **Master.** Ring, Gear and Special Form.
- **Comparative Gage with dial indicator.**
- **Positioning Gage (Gabari/Ichikime).**
- **Air Gage with UL and LL master.**
- **Form Gage.** Radius and Angle.

CERTIFICATION

ISO 17025



AS 9100D



ISO 9001



LIMIT GAGE UNIQUE FEATURE AND BENEFIT



QR Coded*

QR code consist of Calibration result and date of calibration. Mobile phone scannable.



Polished Gaging Surface

GO NOGO surface are polished to get the maximum gage life.



STi Wear Line**

Fast and convenient visual indicator for gage wear. Reducing possibility of part reject due to gage wear.



Modular Head

No possibility of gage being pulled out of handle. Cost effective due to possibility of replacing GO or NOGO only.

ISO 17025 Calibration Certificate is provided as standard if the feature and size within scope of calibration. Inspection report is supplied when gage's feature and size are outside scope of calibration.

* Subject to marking area availability • **Optional feature

MACHINING FACILITY

Machine	2-axis	3-axis	4-axis	5-axis	6-axis	# Machine
CNC Turning	•					11
CNC Turn-Mill			•	•		2
CNC Machining Center	•	•	•	•	•	12
CNC Wire EDM			•			2
CNC EDM Sinker		•				1
CNC Cylindrical Grinder	•					2
Cylindrical Grinder	•					5
Surface Grinder	•					3
Jig Grinder		•				1
CNC Lasercut			•			1
CNC Waterjet		•				1
CNC Press Brake			•			1
CNC Univesal Grinder					•	1



Temp. controlled "mother machine" machining room



Grinding room



CNC Multi-Tasking Machine



6-axis CNC Grinding Center



CNC Horizontal Mach.Center

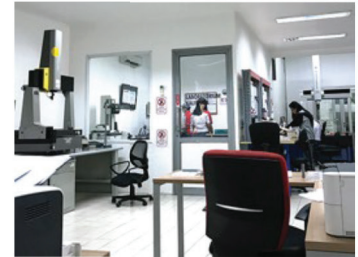


6-axis CNC Machining Center

QUALITY CONTROL FACILITY

Quality Inspection Machine	Note	# Machine
ULM	0.1 micron accuracy	1
CMM		2
Portable CMM	Laser scanning capability	1
CNC Form Meas. Machine		1
Contour Meas. Machine		1
Laser Measuring Machine		1
Linear Measuring Machine		2

Quality Inspection Machine	Note	# Machine
Surface Roughness Tester		1
Rockwell C Hardness Tester	HRc	1
Portable Hardness Tester	HRc, Brinell	1
CNC Vision Meas. Machine		2
Stereo Microscope		2
Profile Projector		1



QC Room #1 - Contact Measuring



QC Room #2 - Non-Contact Measuring



QC Room #3 - Calibration Laboratory

Traceability

Laser marking on our products for traceability purpose is applied as standard whenever applicable. Customer's description, article no., batch no. and which part on the batch can be traced from the marking on work-piece.



SPECIAL PROCESS FACILITY

Heat Treatment

Full and case hardening capability, tempering and normalizing.

Subzero Treatment (Cryogenic)

Liquid nitrogen system ensure optimal martensite formation for optimum service life of our product.

Surface Treatment

Black oxide coating, electroless nickel coating and colored aluminum anodizing (black, natural, red, blue, gold, brown).

All Special Processes are performed in-house.

osgtool.com

OSG USA, Inc. : 800-837-2223

OSG Canada, Ltd. : 905-632-8032 • OSG Royco (Mexico) : +52 (722) 279-36-08 to 11

