

POWER SECTION GAGES ROTOR MAJOR & MINOR DIAMETER MICROMETERS

T-MIC & MM Series



T-MIC (TM12-3-4)



T-MIC (TM12-3-4) Front View



Minor Mic (MM-0-6)

HOW TO ORDER

1. For the T-MIC models, select base size of 6", 8", 12", 18", or 24".
2. Select the proper diameter range.

Today in the oil field industry, unique high-performance power sections require accurate measurement tools for rotors and stators. Gagemaker has designed several gages to measure a rotor's major and minor diameters.

The Gagemaker T-Micrometer (T-MIC) is for rotor major diameters (0" - 9") and comes with bases ranging from 6" to 24". Gagemaker's Minor MIC is for inspecting rotor minor diameters.

Features

- The T-MIC's frame is not only the strongest and most rigid available on the market today, but the hardened and ground A-2 tool steel base rails are re-grindable after years of service
- The T-MIC's micrometer thimble mount allows for calibration and replacement
- The T-MIC's micrometer thimble is available with a flat or radiused micrometer stem
- Both the T-MIC and MM are durably constructed for the harshest work environments

Rotor Minor Diameter Micrometer (MM)

Gagemaker's minor diameter MIC gage was designed to measure a rotor's minor diameter. The spiral lobes on the rotor produce a valley, or minor diameter. The depth of the minor diameter from the major diameter requires a 1" travel indicator stem. The gage's range, 0" - 6", allows measuring most rotor sizes with only one gage. Ensuring the gage's durability and long life, Gagemaker's design uses a heavy duty indicator stem and bearing housing to withstand side loads.

Model	Description	Diameter Range*
MM-0-6	Minor diameter micrometer	0" - 6"

Rotor Major Diameter T-Micrometer (T-MIC)

Due to high spirals on the lobes, conventional measurement gages cannot be used for measuring rotor major diameters. Gagemaker developed the T-MIC to measure a rotor's major diameter. The T-MIC's base spans across two lobes on one side of the centerline and uses a micrometer thimble on the other to measure the diameter. Instead of modifying an existing micrometer, Gagemaker custom builds each T-MIC. Gagemaker's rugged design far exceeds all others on the market today.

Model	Description	Diameter Range*
TM6-0-1	T-MIC for Rotor with 1/2" wide x 6" long base	0" - 1"
TM6-1-2	T-MIC for Rotor with 1/2" wide x 6" long base	1" - 2"
TM6-2-3	T-MIC for Rotor with 1/2" wide x 6" long base	2" - 3"
TM6-3-4	T-MIC for Rotor with 1/2" wide x 6" long base	3" - 4"
TM6-4-5	T-MIC for Rotor with 1/2" wide x 6" long base	4" - 5"
TM6-5-6	T-MIC for Rotor with 1/2" wide x 6" long base	5" - 6"
TM6-6-7	T-MIC for Rotor with 1/2" wide x 6" long base	6" - 7"
TM6-7-8	T-MIC for Rotor with 1/2" wide x 6" long base	7" - 8"
TM6-8-9	T-MIC for Rotor with 1/2" wide x 6" long base	8" - 9"
TM8-0-1	T-MIC for Rotor with 1/2" wide x 8" long base	0" - 1"
TM8-1-2	T-MIC for Rotor with 1/2" wide x 8" long base	1" - 2"
TM8-2-3	T-MIC for Rotor with 1/2" wide x 8" long base	2" - 3"
TM8-3-4	T-MIC for Rotor with 1/2" wide x 8" long base	3" - 4"
TM8-4-5	T-MIC for Rotor with 1/2" wide x 8" long base	4" - 5"
TM8-5-6	T-MIC for Rotor with 1/2" wide x 8" long base	5" - 6"
TM8-6-7	T-MIC for Rotor with 1/2" wide x 8" long base	6" - 7"
TM8-7-8	T-MIC for Rotor with 1/2" wide x 8" long base	7" - 8"
TM8-8-9	T-MIC for Rotor with 1/2" wide x 8" long base	8" - 9"



Prices subject to change without notice.
Effective 4/11/09

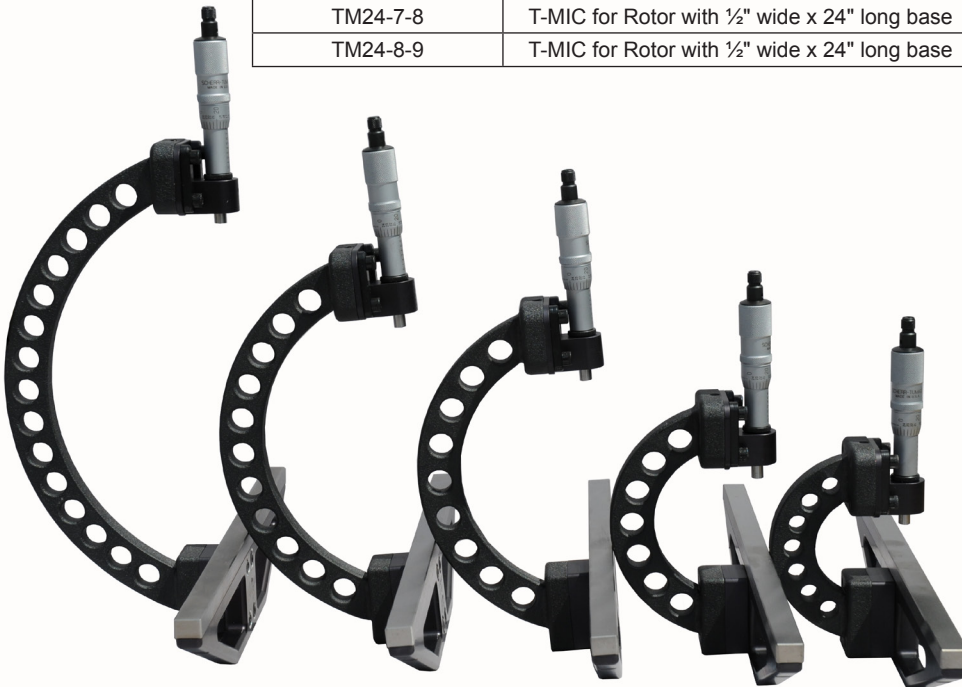
712 East Southmore Ave., Pasadena, Texas 77502
Phone: 713-472-7360 Fax: 713-472-7241
Web site: www.gagemaker.com

POWER SECTION GAGES ROTOR MAJOR & MINOR DIAMETER MICROMETERS

T-MIC & MM Series

Rotor Major Diameter T-MIC (Cont.)

Model	Description	Diameter Range*
TM12-0-1	T-MIC for Rotor with 1/2" wide x 12" long base	0" - 1"
TM12-1-2	T-MIC for Rotor with 1/2" wide x 12" long base	1" - 2"
TM12-2-3	T-MIC for Rotor with 1/2" wide x 12" long base	2" - 3"
TM12-3-4	T-MIC for Rotor with 1/2" wide x 12" long base	3" - 4"
TM12-4-5	T-MIC for Rotor with 1/2" wide x 12" long base	4" - 5"
TM12-5-6	T-MIC for Rotor with 1/2" wide x 12" long base	5" - 6"
TM12-6-7	T-MIC for Rotor with 1/2" wide x 12" long base	6" - 7"
TM12-7-8	T-MIC for Rotor with 1/2" wide x 12" long base	7" - 8"
TM12-8-9	T-MIC for Rotor with 1/2" wide x 12" long base	8" - 9"
TM18-0-1	T-MIC for Rotor with 1/2" wide x 18" long base	0" - 1"
TM18-1-2	T-MIC for Rotor with 1/2" wide x 18" long base	1" - 2"
TM18-2-3	T-MIC for Rotor with 1/2" wide x 18" long base	2" - 3"
TM18-3-4	T-MIC for Rotor with 1/2" wide x 18" long base	3" - 4"
TM18-4-5	T-MIC for Rotor with 1/2" wide x 18" long base	4" - 5"
TM18-5-6	T-MIC for Rotor with 1/2" wide x 18" long base	5" - 6"
TM18-6-7	T-MIC for Rotor with 1/2" wide x 18" long base	6" - 7"
TM18-7-8	T-MIC for Rotor with 1/2" wide x 18" long base	7" - 8"
TM18-8-9	T-MIC for Rotor with 1/2" wide x 18" long base	8" - 9"
TM24-0-1	T-MIC for Rotor with 1/2" wide x 24" long base	0" - 1"
TM24-1-2	T-MIC for Rotor with 1/2" wide x 24" long base	1" - 2"
TM24-2-3	T-MIC for Rotor with 1/2" wide x 24" long base	2" - 3"
TM24-3-4	T-MIC for Rotor with 1/2" wide x 24" long base	3" - 4"
TM24-4-5	T-MIC for Rotor with 1/2" wide x 24" long base	4" - 5"
TM24-5-6	T-MIC for Rotor with 1/2" wide x 24" long base	5" - 6"
TM24-6-7	T-MIC for Rotor with 1/2" wide x 24" long base	6" - 7"
TM24-7-8	T-MIC for Rotor with 1/2" wide x 24" long base	7" - 8"
TM24-8-9	T-MIC for Rotor with 1/2" wide x 24" long base	8" - 9"



5 different sizes of the T-MIC with 12" base



T-MIC Head

***Special and custom sizes are available**



Prices subject to change without notice.
Effective 4/11/09

712 East Southmore Ave., Pasadena, Texas 77502
Phone: 713-472-7360 Fax: 713-472-7241
Web site: www.gagemaker.com