

Thread Height Gage Internal and External Thread Height

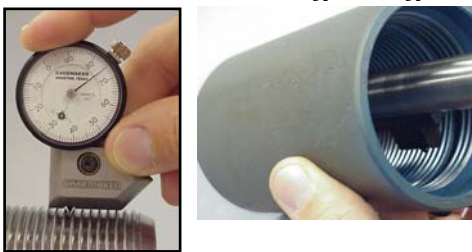
TH-3000 Series



**TH-3000 Series
Internal Thread Height Gages**



External Thread Height Gages



External Gage Inspects Threads Internal Gage Inspects Threads

HOW TO ORDER

1. Select the proper gage model based on the type of connection being inspected (contact point is included with the gage).
2. Select the setting standard (sold separately).

The TH-3000 series of gages inspect variations in thread height for a variety of thread forms. All gage models use a precision contact point that seats in the thread of the part during inspection. The gages are supplied with various base configurations to fit the particular thread form being inspected.

Some of the TH-3000 gages require zeroing on a setting standard before inspecting parts. Once zeroed, the base of the gage is positioned on the crests of the thread, while the contact point is located in the thread root. The gage is properly positioned by sweeping to obtain the shortest depth location reading. The gage's indicator reports actual variations from the nominal setting dimension. These gages are supplied with a balanced indicator dial, normally reading 0-25-0 or 0-50-0.

For those models that do not require a setting standard, the gage is preset on any flat surface and then applied to the product. The actual thread height displays on the gage's indicator. These gages are supplied with a continuous reading indicator dial, normally reading 0 -100.

Features

- Inspects external thread height for a variety of thread forms.
- Available with balanced or continuous indicators.

Internal Thread Height Gages

Model No.	Description	Connection	Travel
TH-3004	Internal Thread Height Gage, Indicator reading 0-25-0, .0005"	Line Pipe	.105
TH-3006	Internal Thread Height Gage, Indicator reading 0-25-0, .0005"	8 Round	.105
TH-3008	Internal Thread Height Gage, Indicator reading 0-25-0, .0005"	8 Round	.094
TH-3009	Internal Thread Height Gage, Indicator reading 0-25-0, .0005"	¾" TPF Buttress	.250
TH-3010	Internal Thread Height Gage, Indicator reading 0-25-0, .0005"	1" Base Length	.250

External Thread Height Gages

Model No.	Description	Connection	Travel
TH-3002B	External Thread Height Gage, Indicator reading 0-25-0, .0005"	¾" TPF Buttress	.094
TH-3003B	External Thread Height Gage, Indicator reading 0-25-0, .0005"	1" Buttress	.094
TH-3001R	External Thread Height Gage, Indicator reading 0-100, .001"	8 Round	.162
TH-3002R	External Thread Height Gage, Indicator reading 0-50-0, .001"	8 Round	.162
TH-3001V	External Thread Height Gage, Indicator reading 0-100, .001"	Line Pipe/Tool Joint	.196
TH-3002V	External Thread Height Gage, Indicator reading 0-50-0, .001"	Line Pipe/Tool Joint	.196



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External Gages Replacement Bases

Model No.	Description	Connection
TH-3002BB	External Gage Base	3/4" TPF Buttress
TH-3003BB	External Gage Base	1" Buttress
TH-3000RB	External Gage Base	8 Round
TH-3000VB	External Gage Base	Line Pipe/Tool Joint



TH-3000 Series Gages Setting Standards

Model No.	Description
1014	8 & 10 Round Threads
1014S	8 & 10 Round Threads (Crest to Pitchline "Shave")
1015	8 & 11 1/2 Pitch "V" Threads
1016	8 & 10 Pitch Round Threads, 8 & 11 1/2 Pitch "V" Threads
1017	13 3/8" & Smaller Buttress Threads, 3/4" TPF
1018	16" & Larger Buttress Threads, 1" TPF
10382-RS	V.038, 2" TPF Rotary Shouldered Connectors, 4" TPI to be used with T072 pt.
10383-RS	V.038, 3" TPF Rotary Shouldered Connectors, 4" TPI to be used with T072 pt.
10403-RS	V-0.040 3" TPF Rotary Shouldered Connectors, 5" TPI to be used with T034 pt.
10502-RS	V-0.050, 2" TPF Rotary Shouldered Connectors, 4" TPI to be used with T044 pt.
10503-RS	V-0.050, 3" TPF Rotary Shouldered Connectors, 4" TPI to be used with T044 pt.
10551.5-RS	V-0.055, 1.5" TPF Rotary Shouldered Connectors, 6" TPI to be used with T072 pt.
10761.5-RS	V-0.076, 1.5" TPF Rotary Shouldered Connectors, 4" TPI to be used with T072 pt.
10H90-2	2" TPF H-90 Connectors, 3.5" TPI to be used with T072 pt.
10H90-3	3" TPF H-90 Connectors, 3.5" TPI to be used with T072 pt.

Specifications

Model No.	Dimensions	Weights
External Gage	2.5 in X 2 in X 3.75 in (63.5 mm X 50.8 mm X 95.25 mm)	1.0 lb. (.45 kg)
Internal Gage	12.5 in X 6 in X 2.75 in (317.5 mm X 152.4 mm X 69.85 mm)	2.0 lb. (.9 kg)
Thread Height Gage Standard	1 in x 1 in x .365 in (25.4 mm x 25.4 x 9.27 mm)	0.2 lb. (.09 kg.)

