



## Thread Height Inspection

Proper Thread Height maximizes the performance of the connection. Thread height inspection is an API requirement. Gagemaker thread height gages inspect external or internal thread height for a variety of thread forms. A shallow thread height may allow the connection to pull apart under stress.



### External Thread Height Gages

Gagemaker manufactures many models of external thread height gages. Specify the type of thread when ordering. One contact point based on thread type is included, please refer to the chart on page 35. For tubing and casing, standards may be required, please see page 35 for more.

Model	Description	Connection	Travel	Min. Bore
TH-3002B	External Thread Height, 0-25-0	3/4" TPF Buttress	.094"	2.930"
TH-3002R	External Thread Height, 0-50-0	8-Round & 10-Round	.162"	3.400"
TH-3002S	External Thread Height, 0-50-0	8-Round	.196"	3.230"

### Internal Thread Height Gages

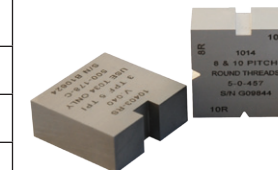
Gagemaker also manufactures several models of internal thread height gages. Please specify the type of thread when ordering. One contact point based on thread type is included, please refer to the chart on page 35. For tubing and casing, standards may be required, please see page 35 for more.

Model	Description	Connection	Travel	Min. Bore
TH-3006	Internal Thread Height, 0-25-0	8-Round & 10-Round	.105"	1.595"
TH-3008	Internal Thread Height, 0-25-0	8-Round & 10-Round	.094"	1.575"
TH-3009	Internal Thread Height, 0-25-0	3/4" TPF Buttress	.250"	1.750"

### Thread Height Gage Standards

Gagemaker manufactures API mandated precision setting standards for presetting thread height gages. Please specify the type of thread when ordering.

Model	Description
1014	8 & 10 Round Threads
1014S	8 & 10 Round Threads (Crest to Pitchline "Shave/Addendum")
1017	13 3/8" & Smaller Buttress, 3/4" TPF
1018	16" & Larger Buttress, 1" TPF



### Thread Height Gage Contact Points

The contact points are interchangeable between gages. Contact point diameters are manufactured to tolerances of +.0002". Thread height gages require one contact point. Additional points are available, please see pages 123-124.

Model	Description
T072	0.072" Contact Point for Buttress Threads
T501	50° Cone Contact Point, Self-Centering for TH-3001R, TH-3002R Gages
T502	Self-Centering Sleeve for T501 & T503 Contact Points
T503	50° Cone Contact Point, "V" Threads for TH-3006