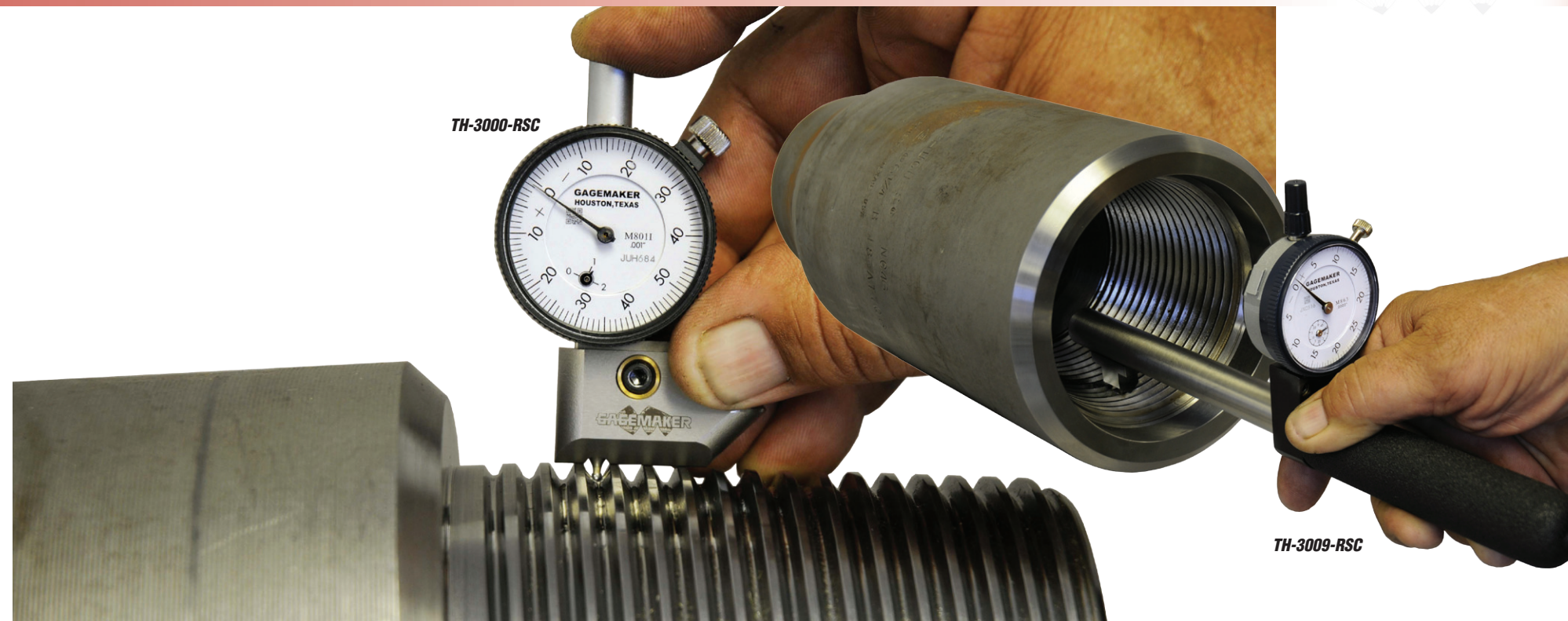




Thread Height Inspection

Proper thread height maximizes the performance of any threaded connection and is a required inspection by the API. Thread height not only affects the interchangeability but also the integrity of a thread assembly. Thread height is the distance between the crest and the root, normal to the axis of the thread and several issues can be easily detected by simply inspecting thread height.

From detecting a chipped tool to preventing a connection from pulling apart under critical loads, inspecting thread height is valuable. Thread Height Gages inspect both internal and external thread height for a variety of thread forms and provide immediate feedback on the integrity of your threads.



External Thread Height Gages

Gagemaker manufactures external thread height gages. Please specify the thread form when ordering. One contact point (T072) included, please see chart on page 53 for the proper point for your connection. Standards sold separately, please see page 53.

Model	Description	Connection	Travel	Min. Bore
TH-3000-RSC	External Thread Height, 0-25-0	Rotary Shouldered Connections	.196"	3.230"

Internal Thread Height Gages

Gagemaker also manufactures internal thread height gages. Please specify the thread form when ordering. One contact point (T072) included, please see chart on page 53 for proper point for your connection. Standards sold separately, please see page 53.

Model	Description	Connection	Travel	Min. Bore
TH-3009-RSC	Internal Thread Height, 0-25-0, 1" Base	Rotary Shouldered Connections	.250"	1.750"

Thread Height Gage Standards

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

Model	Description
10322-RS	V-0.032, 2 TPF, 6 TPI to be used with T034 pt.
10382-RS	V-0.038, 2 TPF, 4 TPI to be used with T072 pt.
10383-RS	V-0.038, 3 TPF, 4 TPI to be used with T072 pt.
10403-RS	V-0.040, 3 TPF, 5 TPI to be used with T034 pt.
10502-RS	V-0.050, 2 TPF, 4 TPI to be used with T044 pt.
10503-RS	V-0.050, 3 TPF, 4 TPI to be used with T044 pt.
10551.5-RS	V-0.055, 1.5 TPF, 6 TPI to be used with T072 pt.
10761.5-RS	V-0.076, 1.5 TPF, 4 TPI to be used with T044 pt.
10H90-2	2" TPF H-90 Connection (90-V-0.050), 3.5 TPI to be used with T072 pt.
10H90-3	3" TPF H-90 Connection (90-V-0.050), 3.5 TPI to be used with T072 pt.
SL-H90	1¼" TPF, 3 TPI, 90-V-0.084 to be used with T072 pt.

Thread Height Contact Points

Gagemaker's standard contact points are manufactured with carbide balls. Thread height gages require one contact point. Points are sold individually.

Model	Point Diameter	Threads Per Inch	Thread Form
T072	0.072"	3, 3.5, 4, 6	V-0.038R, V-0.055
T044	0.044"	4	V-0.050, V-0.076
T034	0.034"	5, 6	V-0.032, V-0.040