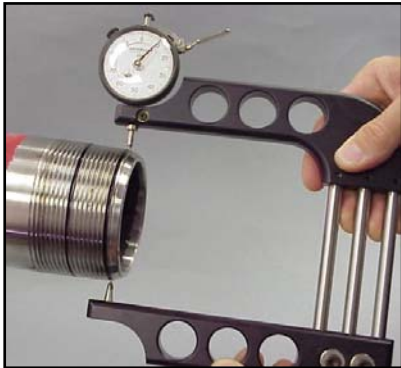


External Taper Gage Thread Taper

ET-7000 Series



**ET-7000 Series
External Taper Gage**



Inspects Thread Taper

HOW TO ORDER

1. Select the ET-7000 gage model.
2. If other than .072" contact points are needed for the application, select the proper contact points based on the type of connection and pitch/TPI (sold individually).

The ET-7000 Series of gages inspect variations in connection taper of external threads ranging from 0"–24" for API threads. Each model covers a specific range of connection sizes, making the ET-7000 gages very versatile and economical.

The ET-7000 gages use precision contact points that seat in the thread of the part during inspection. The gage's indicator reports actual measurement readings. Each gage is shipped with .072" diameter contact points, however; each set of contact points is interchangeable to allow measuring different thread forms. Contact point diameters are manufactured to tolerances of $\pm .0002$ ". The pitch of the thread and type of thread form determine the diameter of the contact points required for taking measurements.

The ET-7000 gage requires no setting master to inspect parts. The contact points are seated in the threads of the part and the gage is properly positioned by sweeping to obtain the largest indicator reading. Taking measurements in two different locations one inch apart, along the length of the thread, will detect any variations in taper.

Features

- Inspects external threads for API thread forms ranging from 0" – 24".
- Uses interchangeable contact points to allow inspection on a variety of thread forms.
- Requires no setting master.

ET-7000 Series Taper Gage

Model No.	Description	Range
ET-7001	External Taper, 1/2" travel	0" – 6"
ET-7002	External Taper, 1/2" travel	0" – 10"
ET-7003	External Taper, 1" travel	0" – 10"
ET-7004	External Taper, 1/2" travel	0" – 16"
ET-7005	External Taper, 1" travel	0" – 16"
ET-7006	External Taper, 1/2" travel	16" – 24"
ET-7007	External Taper, 1" travel	16" – 24"

ET-7000 Taper Gage Contact Points (Sold Individually)

These contact points inspect the thread taper of API thread forms. Two required per gage.

Model Number	Connection Type	Point Diameter	Threads per Inch
T235	Hughes Slim Line H-90	0.235"	3
T200	All Hughes H-90	0.200"	3 1/2
T144	API Rotary Shouldered Connections	0.144"	4
T128	API Rotary Shouldered Connections	0.128"	4 1/2
T115	API Rotary Shouldered Connections	0.115"	5
T105T	Truncated for Extreme Line	0.105"	5 1/2
T096	API Rotary Shouldered Connections	0.096"	6
T072	API Tubing, Casing and Line Pipe	0.072"	8
T062	Buttress Casing - Lead	0.062"	5
T057	API Tubing and Line Pipe	0.057"	10
T050	API Line Pipe	0.050"	11 1/2
T041	API Line Pipe	0.041"	14
T032	API Line Pipe	0.032"	18
T021	API Line Pipe	0.021"	27



External Taper Gage Thread Taper

ET-7000

Specifications

Model No.	Dimensions	Weights
ET-7001	11.125 in x 8.5 in X .75 in (282.5 mm X 215.9 mm X 19.05 mm)	1.5 lb. (0.68 kg)
ET-7002	15.125 in x 8.5 in X .75 in (384.1 mm X 215.9 mm X 19.05 mm)	2.5 lb. (1.13 kg)
ET-7003	15.125 in x 8.5 in X .75 in (384.1 mm X 215.9 mm X 19.05 mm)	2.5 lb. (1.13 kg)
ET-7004	21.125 in x 8.5 in X .75 in (536.5 mm X 215.9 mm X 19.05 mm)	3.0 lb. (1.36 kg)
ET-7005	21.125 in x 8.5 in X .75 in (536.5 mm X 215.9 mm X 19.05 mm)	3.0 lb. (1.36 kg)
ET-7006	29.125 in x 8.5 in X .75 in (740 mm X 215.9 mm X 19.05 mm)	5.5 lb. (2.5 kg)
ET-7007	29.125 in x 8.5 in X .75 in (740 mm X 215.9 mm X 19.05 mm)	5.5 lb. (2.5 kg)

