

Contact Points(Continued)

UN Series (60° “V”) Threads

These contacts points are used to inspect the pitch diameter of machined parts with 60° “V” thread forms. Two are required for most gages.

Model	Thread Pitch	Model	Thread Pitch	Model	Thread Pitch
T562	1	T115	5	T050	11½ & 12
T288	2	T105	5½	T041	14 & 16
T188	3 & 3½	T096	6	T032	18
T144	4	T072	8		
T128	4½	T057	10		



Truncated Contact Point

Acme or Stub Acme Threads

These truncated contact points are used to inspect the pitch diameter of machined parts with 29° Acme and Stub Acme thread forms. Two are required for most gages.

Model	Thread Pitch	Model	Thread Pitch	Model	Thread Pitch
T531T	1	T144T	3½	T050T	10
T344T	1½	T128T	4	T041T	12 & 14
T266T	2	T105T	5	T032T	16
T219T	2½	T090T	6 & 7		
T188T	3	T062T	8		

Threaded Shank Contact Points



T041



T062



T072



T105



T115



T125



T250

7° x 45° Buttress Series Contact Points

These contact points are used to inspect the pitch diameter of machined parts with 7° x 45° Buttress thread forms. Two are required for most gages.

Model	Thread Pitch	Model	Thread Pitch	Model	Thread Pitch
T562	1	T188	3	T072	8
T437	1¼	T156	3½	T057	10
T375	1½	T144	4	T050	12
T281	2	T115	5	T032	16 & 18
T219	2½	T096	6		

Trapezoidal Thread Contact Points

These contact points are used to inspect the millimeter pitch diameter of machined parts with Trapezoidal thread forms. Two are required for most gages.

Model	mm Pitch	Model	mm Pitch
T144	7	T062	3
T125	6	T050	2½
T096	5	T041	2
T082	4	T032	1½
T072	3½		

ISO Metric Series Contact Points

These contact points are used to inspect the pitch diameter of machined parts with ISO Metric 60° “V” thread forms. Two are required for most gages.

Model	mm Pitch	Model	mm Pitch
T096	4	T057	2½
T072	3 & 3½	T041	1½, 1¾, & 2



Thread Form

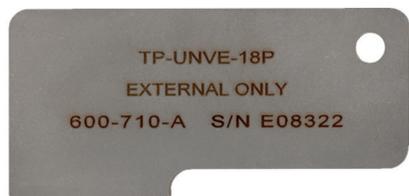
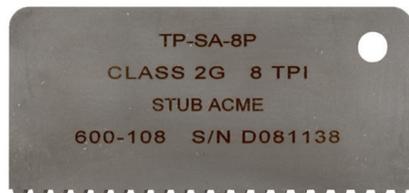
Straight Thread Form Profile Gages

Gagemaker manufactures precision straight thread profile gages for quick identification of a thread form. **Specify thread pitch to be inspected when ordering.** Special form profiles are available.

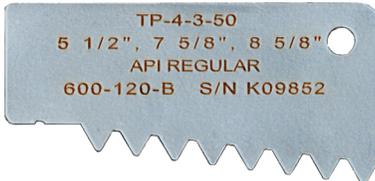
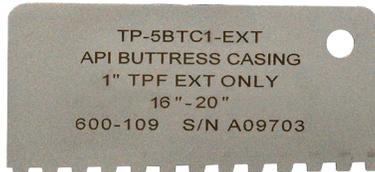
Model	Description
TP-UNVI-__P	Internal UN series thread gage
TP-UNVE-__P	External UN series thread gage
TP-GPA-__P	Internal/external general purpose Acme thread profile gage
TP-SA-__P	Internal/external Stub Acme thread profile gage
TP-SAM1-__P	Modified 1 Stub Acme thread profile gage
TP-SAM2-__P	Modified 2 Stub Acme thread profile gage
TP-MI-__P	Internal ISO Metric series thread profile gage
TP-ME-__P	External ISO Metric series thread profile gage
TP-745-__P	Internal/External 7° X 45° Buttress thread profile gage

Order Example

TP-UNVI-2P,
TP-UNVE-4P,
TP-SA-8P, etc.



Assorted Straight Thread Profiles



Assorted Tapered Thread Profiles



Tapered Thread Form Profile Gages

Gagemaker manufactures precision tapered thread profile gages for the quick identification thread form identification. When ordering, specify the connection to be inspected. Special profiles will be quoted upon request.

Model	Connection Type	TPI, TPF, Thread Form
TP-RTC-8R	API 8-Round Casing, Tubing & Drill Pipe	8 TPI, 3/4" TPF, 8 Round
TP-RTC-10R	API 10-Round Tubing	10 TPI, 3/4" TPF, 10 Round
TP-8V	8V API Line Pipe	8 TPI, 3/4" TPF, 8 V Thread
TP-11-1/2V	11 1/2 V API Line Pipe	11 1/2 TPI, 3/4" TPF, 11 1/2 V Thread
TP-5BTC75-INT	API Buttress Casing, Internal, 4 1/2" - 13 3/4"	5 TPI, 3/4" TPF
TP-5BTC75-EXT	API Buttress Casing, External, 4 1/2" - 13 3/4"	5 TPI, 3/4" TPF
TP-5BTC1-INT	API Buttress Casing, Internal, 16" - 20"	5 TPI, 1" TPF
TP-5BTC1-EXT	API Buttress Casing, External, 16" - 20"	5 TPI, 1" TPF
TP-3-1.25-84	2 3/8" - 3 1/2" Hughes Slimline H-90	3 TPI, 1.25" TPF, 90-V-0.084
TP-3.5-2-50	3 1/2" - 6 5/8" Hughes H-90	3.5 TPI, 2" TPF, 90-V-0.050
TP-3.5-3-50	7" - 8 5/8" Hughes H-90	3.5 TPI, 3" TPF, 90-V-0.050
TP-4-1.5-76	2 3/8" - 3 1/2" P.A.C. Connections 2 3/8" - 4 1/2" American Open Hole	4 TPI, 1.5" TPF, V-0.076
TP-4-2-50	6 5/8" API Regular 5 1/2" & 6 5/8" API Full Hole	4 TPI, 2" TPF, V-0.050
TP-4-2-38	4" API Full Hole, 2 7/8" - 5" Hughes Xtra Hole, 2 3/8" - 4 1/2" Hughes Slim Hole, 2 3/8" - 6 5/8" Internal Flush API Numbered Connections #23 - #50	4 TPI, 2" TPF, V-0.038R
TP-4-3-38	API Numbered Connections #56 - #77	4 TPI, 3" TPF, V-0.038R
TP-4-3-50	5 1/2", 7 5/8", & 8 5/8" API Regular	4 TPI, 3" TPF, V-0.050
TP-5-3-40	2 3/8" - 4 1/2" API Regular 2 7/8", 3 1/2", 4 1/2" API Full Hole	5 TPI, 3" TPF, V-0.040
TP-6-1.5-55	API Numbered Connections #10, #12, #13, #16 M.T. (Macaroni Tubing)	6 TPI, 1.5" TPF, V-0.055
TP-6-2-32	2 3/8" - 2 7/8" Hughes External Flush	6 TPI, 2" TPF, V-0.032
TP-9060LS	90° & 60° Threads, Tool Grinding & Setting Gage	Tool Grinding & Setting Gage
TP-NPT-8	NPT Threads	8 TPI, 3/4" TPF
TP-NPT-11-1/2	NPT Threads	11.5 TPI, 3/4" TPF
TP-NPT-14	NPT Threads	14 TPI, 3/4" TPF

Specials Available Upon Request