



PROFILE GAGES, THREAD PROFILE, TP SERIES

The TP Series of Thread Profile Gages are manufactured to tolerances of ± 0.0002 " using EDM technology. These precision gages are ideal for quickly identifying each of the different thread forms named in the API Std. 5B and Specification 7. Profile gages can also be used to perform a visual inspection of a thread form for detecting chipped inserts, stretched threads, wide first threads, or rolled over threads. Special profiles are available and quoted upon request.



TPF/TPI Thread Form	Connector Type
1.5" TPF, 4 TPI V-0.076	2 3/8" – 3 1/2" P.A.C. Connections
3/4" TPF, 8 TPI 8 Round	API 8 Round Casing, Tube & Drill Type
3/4" TPF, 10 TPI 10 Round	API 10 – Round Tubing
3/4" TPF, 8 TPI 8 V Thread	8V API Line Pipe American Std. NPR
3/4" TPF, 11 1/2 TPI 11 1/2 V Thread	11 1/2 V API Line Pipe, American Std. NPT
3/4" TPF, 5 TPI	API Buttress Casing, Internal, 4 1/2" – 13 3/8"
3/4" TPF, 5 TPI	API Buttress Casing, External, 4 1/2" – 13 3/8"
1" TPF, 5 TPI	API Buttress Casing, Internal, 16" – 20"
1" TPF, 5 TPI	API Buttress Casing, External, 16" – 20"
3" TPF, 5 TPI V – 0.040	2 3/8" – 4 1/2" API REG 3 1/2", 4 1/2", API Full Hole
2" TPF, 4 TPI V – 0.050	6 5/8" API REG 5 1/2" & 6 5/8" API Full Hole
3" TPF, 4 TPI V – 0.050	5 1/2", 7 5/8", & 8 5/8" API REG
2" TPF, 4 TPI V – 0.038R	4" API Full Hole, 2 7/8" – 5" Hughes Xtra Hole 2 3/8" – 4 1/2" Hughes Slim Hole
2" TPF, 4 TPI V – 0.038R	2 3/8" 5 1/2" API INT Flush API Numbered Connectors #23 - #50
3" TPF, 4 TPI V – 0.038R	API Numbered Connectors #56 - #77
1.5" TPF, 6 TPI V – 0.055	API Numbered Connectors #10, #12, #13, #16 M.T. (Macaroni Tubing)
1.5" TPF, 4 TPI V – 0.076	2 3/8" – 4 1/2" American Open Hole
2" TPF, 3.5 TPI H – 90	3 1/2" – 6 5/8" Hughes H – 90
3" TPF, 3.5 TPI H – 90	7" – 8 5/8" Hughes H – 90
1.25" TPF, 3 TPI H – 90	2 3/8" – 3 1/2" Hughes Slim Line
Tool Grinding & Setting Gage	90° & 60° Threads, Tool Grinding & Setting Gage
3/4" TPF, 14 TPI	NPT Threads