



Contact Points

API Contact Points for Lead and Taper Gages

Gagemaker's standard contact points are manufactured with carbide balls. Both threaded and straight (non-threaded) shanks are available. All Gagemaker's inspection gages use threaded shank contact points. Threaded shanks are #4-48 UNF. Metric threads are available upon request. Most gages require two contact points.

Straight Shank Model	Threaded Shank Model	Point Diameter	Threads Per Inch	Connection Type
S235	T235	0.235"	3	Hughes Slim Line H-90
S200	T200	0.200"	3½	All Hughes H-90
S144	T144	0.144"	4	API Rotary Shouldered Connections
S128	T128	0.128"	4½	API Rotary Shouldered Connections
S115	T115	0.115"	5	API Rotary Shouldered Connections
S105T	T105T	0.105"	5½	Truncated for Extreme Line
S096	T096	0.096"	6	API Rotary Shouldered Connections
S090	T090	0.090"	5	Buttress Casing – Taper
S072	T072	0.072"	8	API Tubing and Casing
S062	T062	0.062"	5	Buttress Casing – Lead
S057	T057	0.057"	10	API Tubing and Line Pipe
S050	T050	0.050"	11½	API Line Pipe
-	T044	0.044"	4	RSC Thread Depth Only
S041	T041	0.041"	14	API Line Pipe
-	T034	0.034"	5	RSC Thread Depth Only
S032	T032	0.032"	18	API Line Pipe
S021	T021	0.021"	27	API Line Pipe

Special Application Contact Points

Gagemaker continually develops new application contacts and indicator accessories. The following items are in stock for immediate delivery. These contact points have #4-48 UNF threaded shank. All contact points are carbide. Special and metric diameters are available, please call for quotation. **Straight Shanks are available for T060, T098, and T156.**

Model	Ball Dia.						
T028	.028"	T100	.100"	T176	.176"	T375	.375"
T043	.043"	T116	.116"	T188	.188"	T430	.430"
T045	.045"	T118	.118"	T219	.219"	T4375	.4375"
T059	.059"	T125	.125"	T250	.250"	T475	.475"
T060	.060"	T1335	.1335"	T266	.266"	T500	.500"
T068	.068"	T150	.150"	T295	.295"	T531	.531"
T071	.071"	T155	.155"	T300	.300"	T625	.625"
T086	.086"	T156	.156"	T325	.325"	T750	.750"
T087	.087"	T157	.157"	T344	.344"		
T092	.092"	T160	.160"	T350	.350"		
T098	.098"	T165	.165"	T360	.360"		

General Purpose Points and Accessories

Model	Description
T500C	50° Cone Contact Point, "V" Threads for TH-3001V, TH-3002V, TH-3004 Gages
T500C-USS	Modified 50° Cone Contact Point, USS Improved Buttress
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
E-Line	.063" R Extreme Line Contact Point for TH-3003E Gage
TPD	.020" R Contact Point for PD-3003 & PD-3004 Gages
PE-	Point Extensions available in .300", .500", .750" & 1.00" (Ex. PE-300)
PA-45	45° Point Adapter, contact point not included
RC-375	.375" Diameter Roller Contact
P-500	TH-3001R Gage, Flat Face Contact
Blade-25	.008" thickness, .170" Diameter, .250" Depth Blade Point
Blade-50	.008" thickness, .170" Diameter, .500" Depth Blade Point

Straight Shank Contact Points



T501 and T502 Assembly



T501

T503

T502

PA-45 with contact point (sold separately)

RC-375

T500C

E-Line

Blade

TPD

T500C-USS

P500

Point Extensions (Left to Right: PE-.300, PE-.500, PE-.750, PE-1.00)



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