

# Contact Points

# Carbide Contact Balls



Straight Shank Contact Points

Truncated Contact Point



Various Threaded Contact Points



General Purpose Points and Accessories



Contact Point Extensions  
.300" - 1.00"



Gagemaker manufactures standard ball and special application contact points, and contact points for our API gages and Pitch Diameter gages. The contact points are made of spherical carbide and are interchangeable between gages. Contact point diameters are manufactured to tolerances of  $\pm .0002"$ . **Most gages require two contact points.**

All Gagemaker's inspection gages use threaded shank contact points. Threaded shanks are #4-48 UNF. However, both threaded and straight shanks are available. Metric and special diameter contact points are quoted upon request.

### Features

- Interchangeable between gages
- Threaded and straight shanks available
- Manufactured from carbide
- All contact points are stock items

### API CONTACT POINTS FOR LEAD AND TAPER GAGES (Sold Individually)

These contact points are used to inspect lead and taper of API thread forms. Both threaded and straight (non-threaded) shanks are available. Threaded shanks are #4-48 UNF. Metric threads are available upon request. **Most gages require 2 contact points.**

Model		Point Diameter	Threads Per Inch	Connection Type
Straight Shank	Threaded Shank			
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	Rotary Shouldered Conn. Thd. Depth Only
S041	T041	0.041"	14	API Line Pipe
-	T034	0.034"	5	Rotary Shouldered Conn. Thd. Depth Only
S03125	T03125	0.03125"	18	API Line Pipe
S021	T021	0.021"	27	API Line Pipe

### GENERAL PURPOSE POINTS AND ACCESSORIES (Sold Individually)

Model	Description
T500C	50° Cone Contact Point, "V" Threads for TH-3001V, TH-3002V, TH-3004 Gages
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
RC-375	.375" Diameter Roller Contact
P-500	Flat Face Contact for TH-3001R Gage
Blade-25	.008" thickness, .170" Diameter, .250" Depth Blade Point
Blade-50	.008" thickness, .170" Diameter, .500" Depth Blade Point

### CONTACT POINTS & SPECIAL APPLICATION ACCESSORIES (Sold Individually)

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.

Model	Ball Dia.	Model	Ball Dia.	Model	Ball Dia.	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"		

\*Straight Shanks available for T060, T098, T156

### HOW TO ORDER

1. Select the model number for the contact point, based on the gage (sold individually).
2. Metric and special diameter contact points are available. Call for a quotation.



## ANSI Contact Points (Sold Individually)

### UN SERIES CONTACT POINTS

These contact points are used to inspect the pitch diameter of machined parts with 60° "V" thread forms. Sold individually. Two required per gage.

Model	Description	Model	Description
T562	1 pitch internal 60° "V"	T096	6 pitch external 60° "V"
T288	2 pitch internal 60° "V"	T072	8 pitch external 60° "V"
T188	3 & 3.5 pitch internal 60° "V"	T057	10 pitch external 60° "V"
T144	4 pitch internal 60° "V"	T050	11.5 & 12 pitch external 60° "V"
T128	4.5 pitch internal 60° "V"	T041	14 & 16 pitch external 60° "V"
T115	5 pitch internal 60° "V"	T032	18 pitch external 60° "V"
T105	5.5 pitch internal 60° "V"		

### ACME AND STUB ACME CONTACT POINTS

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 per gage.

Model	Description	Model	Description
T531T	1 pitch ACME or Stub ACME	T105T	5 pitch ACME or Stub ACME
T344T	1.5 pitch ACME or Stub ACME	T090T	6 & 7 pitch ACME or Stub ACME
T266T	2 pitch ACME or Stub ACME	T072T	8 pitch ACME or Stub ACME
T219T	2.5 pitch ACME or Stub ACME	T062T	8 pitch ACME or Stub ACME
T188T	3 pitch ACME or Stub ACME	T050T	10 pitch ACME or Stub ACME
T144T	3.5 pitch ACME or Stub ACME	T041T	12 & 14 pitch ACME or Stub ACME
T128T	4 pitch ACME or Stub ACME	T032T	16 pitch ACME or Stub ACME

### 7° X 45° BUTTRESS SERIES CONTACT POINTS

These contact points are used to inspect the pitch diameter of machine threaded parts with 7° X 45° Buttress thread forms. Two required per gage.

Model	Description	Model	Description
T562	1 pitch 7° X 45° Buttress	T144	4 pitch 7° X 45° Buttress
T437	1.25 pitch 7° X 45° Buttress	T115	5 pitch 7° X 45° Buttress
T375	1.5 pitch 7° X 45° Buttress	T096	6 pitch 7° X 45° Buttress
T281	2 pitch 7° X 45° Buttress	T072	8 pitch 7° X 45° Buttress
T219	2.5 pitch 7° X 45° Buttress	T057	10 pitch 7° X 45° Buttress
T188	3 pitch 7° X 45° Buttress	T050	12 pitch 7° X 45° Buttress
T156	3.5 pitch 7° X 45° Buttress	T032	16 & 18 pitch 7° X 45° Buttress

### 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 per gage.

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

### ISO METRIC SERIES CONTACT POINTS

These contact points are used to inspect the pitch diameter of machine threaded parts with ISO Metric 60° "V" thread forms. Two required per gage.

Model	Description	Model	Description
T096	4 mm pitch 60° "V"	T057	2.5 mm pitch 60° "V"
T072	3 & 3.5 mm pitch 60° "V"	T041	1.5, 1.75, & 2 mm pitch 60° "V"

