



98-370-0



## PEE DEE Thread Measuring Set

- 48 wires — 16 different sizes.
- Measures all threads from 3 - 48 threads per inch.
- Measures all metric threads from 0.5 mm to 6 mm.
- Also measures ACME threads.
- Laminated chart included.
- Furnished in fitted vinyl case.

Description	Part No.	Price
Pee Dee Thread Measuring Set	98-370-0	\$31.00



13-109-4



10-449-7

Micrometers sold separately

## Thread Triangles

- Thread Triangles quickly measure pitch diameter of all 60 degree threads from 4 to 80 pitch, standard and special.
- Instantly classifies thread as 2a, 3a.
- No complicated formulas to figure! For any standard thread refer directly to chart.
- Thread Triangles nest well into the "V" of the thread instead of making just point contact.
- Micrometer rests on two parallel flat surfaces for better feel.
- Each set includes: thread triangle, holders and chart.

### SPI #10-449-7

- Convenient Neoprene holders, fit any make micrometer spindle.

### SPI #13-109-4

- Alternative way to hold thread triangle in place.

Description	Part No.	Price
Thread Triangles w/Neoprene Holders	10-449-7	\$50.50
Thread Triangles w/Holding Loop	13-109-4	78.00

## IPD Gage + Software

### A Complete Internal Pitch Diameter Measuring System

- Major breakthrough in utilizing computer software with a measuring instrument.
- With this new concept, accurate measurements of internal threads and compensation calculations for ball diameter variations or lead angles are made extremely simple.
- The CD Rom supplied with the IPD Gage can be used in any Windows compatible PC to obtain all data required for accurate inspection of any specific internal thread without the necessity of a master gage.
- Easy to set IPD Gage with Micrometer or Gage Blocks, etc.
- Universal. Can be used as general purpose internal gage for measuring bores, grooves and pitch diameters of screw threads and internal gears, etc.
- Indicator alone, with the included adapter, extensions and optional contact points, make it possible to measure internal threads and bores from 7/2" to 18".
- Rigid construction plus special high precision pivot bearings assure repeatability of 0.0002" or less.
- Balanced body design for easy and convenient handling.
- Adjustable contact pressure.
- Carbide ball contact points are optional, not included.
- System includes internal gage, 1" travel indicator, indicator-adapter, 8 extensions (1/4", 1/8", 1/2", 3/4", 1", 2", 3" and 4" long), measuring tip organizer, 2 standard contact points 1/4" long, allen wrench, fitted case plus CD ROM for internal pitch diameter threads and instruction manual.

### Specifications

Measuring range: Bores	0.93" to 8"
Nominal Size Threads	1 1/8" to 8"
Extended range with included indicator adapter	7/2" to 18"
Gage arm travel	0.625"
Maximum reach in 1 1/4" dia. bore	4.8"
1" Travel indicator graduation	0.0005"

### Software Diskette

The IPD software complies with ANSI standards; fully compensates for the effects of lead angle.

### User Friendly

On screen explanation, no commands to remember. Error free data entry, will detect invalid input data.

### Universal

Supports UN series and Metric threads as well as threads with user defined thread angle and number of starts for Acme, Whitworth and multiple start threads.

- Software calculates the correct diameter for any chosen ball contact point within the specified range per table below.
- Diameter setting with micrometer or gage blocks, no master thread setting ring required.

Description	Part No.	Price
IPD Gage + Software	30-640-7	\$895.00
Metric indicator for IPD Gage	20-508-8	138.00

## IPD Gage Accessories

### A Complete Internal Pitch Diameter Measuring System

#### Carbide Ball Contact Points, 1/4" Length, #4-48 Thread

Ball Diameter Tolerances ±.0001"	UN Series Threads Per Inch	Acme Threads Per Inch	Metric Threads Pitch (mm)	Part Number	Price Per Pair
0.03125" (1/32)	24 - 14		1.25 - 1.75	30-641-5	\$34.75
0.04687" (1/64)	16 - 8		1.75 - 3	30-642-3	34.75
0.0625" (1/16)	11 - 6		2.5 - 4	30-643-1	34.75
0.07813" (1/64)	9 - 5		3 - 5	30-644-9	36.55
0.09375" (1/32)	6 - 4		4 - 6	30-645-6	37.30
0.10938" (1/64)	6 - 3.5	5	4 - 7	30-646-4	37.30
0.125" (1/8)	5 - 3	4	5 - 8	30-647-2	42.65
0.1875" (1/16)	3.5 - 2	3	7 - 13	30-648-0	42.65
0.250" (1/4)	3 - 1.5	2	8 - 17	30-649-8	42.65

#### 4 Pairs Carbide Ball Contact Points, Package

#1 - 1/32", 1/64", 1/16", 1/32" dia. covering UN Series threads from 24 to 4 pitch. **30-637-3** 146.45

#### 7 Pairs Carbide Ball Contact Points, Package

#2 - 1/32", 1/64", 1/16", 1/32", 1/64", 1/8" covering UN Series 24 to 3 pitch single and multiple starts. **30-638-1** 254.90

