



Functional Size

External Functional Size Thread Inspection Gages ($\frac{1}{8}$ " to 24" Diameters)

These functional thread inspection, or "GO/NO GO" gages, measure external thread diameters. The gages are adjustable within a size range and use interchangeable thread rolls to measure different pitch threads. Setting dimensions for the functional pitch diameter gages are provided by the TDWIN Thread Disk software. **The software (see page 129) and thread rolls (see page 117) are sold separately.** Indicators have a $\frac{1}{2}$ " travel and .0005" resolution, and higher resolutions are available.

Model	Description	Range
RG-7000	External Thread Roll Gage	$\frac{5}{8}$ " - 4" (15.9 mm - 101.6 mm)
RG-7001	External Thread Roll Gage	4" - 8" (101.6 mm - 203.2 mm)
RG-7002	External Thread Roll Gage	8" - 12" (203.2 mm - 304.8 mm)
RG-7003	External Thread Roll Gage	12" - 16" (304.8 mm - 406.4 mm)
RG-7004	External Thread Roll Gage	16" - 20" (406.4 mm - 508 mm)
RG-7005	External Thread Roll Gage	20" - 24" (508 mm - 609.6 mm)
RG-LAA	Lower Adjustment Arm	

Internal Functional Size Thread Inspection Gages ($1\frac{1}{2}$ " to 24" Diameters)

Gagemaker also manufactures functional thread inspection gages that inspect internal threads. The gages are adjustable within a size range and use interchangeable thread rolls to measure different pitch threads. Indicators have a $\frac{1}{2}$ " travel and .0005" resolution, and higher resolutions are available. **Thread roll sets not included.** See page 117 for thread rolls.

Model	Description	Range
PG-6000	Internal Thread Roll Gage, $2\frac{1}{2}$ " reach	$1\frac{1}{2}$ " - 9" (38 mm - 228.6 mm)
PG-6001	Internal Thread Roll Gage, $2\frac{1}{2}$ " reach	9" - 16" (228.6 mm - 406.4 mm)
PG-6002	Internal Thread Roll Gage, $2\frac{1}{2}$ " reach	16" - 24" (406.4 mm - 609.6 mm)
PG-6003	Internal Thread Roll Gage, $2\frac{1}{2}$ " reach	24" - 32" (609.6 mm - 812.8 mm)
PG-6000-SA	Replacement Arm Set	$2\frac{1}{2}$ " reach
PG-6000-XA	Extended Reach Arm Set	$4\frac{1}{2}$ " reach
PG-6000-17	Locking T-nut for Arms	

Deep Bore Internal Functional Size

The DPG-6000 gage inspects diameters of internal threads using thread rolls. This functional diameter gage inspects the effects of all thread element variations and reports any deviations. **All thread rolls are sold separately.** See page 117 for thread rolls.

Model	Description	Range
DPG-6000	Deep bore thread roll gage assembly for 4 pitch and finer threads only.	3" - 4.300" dia., 6" Reach
DPG-6R	Handle Extension Assemblies	6" Reach
DPG-8R	Handle Extension Assemblies	8" Reach
DPG-12R	Handle Extension Assemblies	12" Reach
DPG-18R	Handle Extension Assemblies	18" Reach
DPG-24R	Handle Extension Assemblies	24" Reach
DPG-1	Diameter Extension Arms	3" to 4.300" dia.
DPG-2	Diameter Extension Arms	4.300" to 5.100" dia.
DPG-3	Diameter Extension Arms	5.100" to 5.900" dia.
DPG-4	Diameter Extension Arms	5.900" to 6.700" dia.
DPG-5	Diameter Extension Arms	6.700" to 7.500" dia.
DPG-6	Diameter Extension Arms	7.500" to 8.300" dia.
DPG-7	Diameter Extension Arms	8.300" to 9.100" dia.

