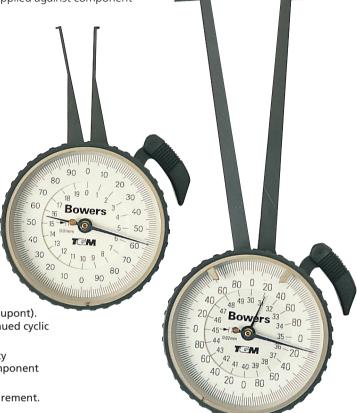


TGM Internal Minor Calipers

The extensive range of internal **Bowers TGM calipers** has been further improved to ensure maximum durability and accuracy, with carbide contact points now fitted to all models. Quotations for non-standard calipers can be supplied against component drawings.



Features:

- High performance braded cable made from Dacron (by Dupont). For longer cable life and excellent repeatability. In continued cyclic testing Dacron out-performed braded steel cable.
- Carbide ball contacts as standard to give enhanced quality of feel, longer contact life and less prone to marking component surfaces.
- Longer tapered contacts for easy access on groove measurement.
- Easy setting with rotating scale and protective bezel for workshop use.

SHORT LEG TECHNICAL DATA

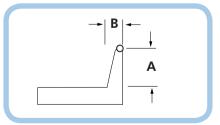
Metric	Inch							
Model No.	Measuring Range mm	Dime A	ensions B	Model No.	Measuring Range inch	Dimens A	ions B	
TGA020M	5 - 15	1.1	1.5	TGAO20i	0.25-0.75	0.044	0.060	
TGAO21M	10 - 20	3.3	1.5	TGAO21i	0.50-1.00	0.125	0.060	
TGA022M	15 - 25	4.0	1.8	TGA022i	0.75-1.25	0.250	0.100	
TGA023M	20 - 30	7.0	2.5	TGA023i	1.00-1.50	0.375	0.110	
TGAO24M	25 - 35	9.0	2.8	TGAO24i	1.25-1.75	0.375	0.100	
TGAO25M	30 - 40	9.75	2.8	TGAO25i	1.50-2.00	0.375	0.100	
TGAO26M	35 - 45	9.75	2.8					
TGAO27M	40 - 50	9.75	2.8					

LONG LEG TECHNICAL DATA

Metric				Inch			
Model No.	Measuring	Dime	nsions	Model No.	Measuring	Dimen	sions
	Range mm	Α	В		Range inch	Α	В
TGA040M	10 - 30	3.3	1.8	TGAO40i	0.25-1.25	0.044	0.060
TGAO41M	20 - 40	7.0	2.5	TGAO41i	0.50-1.50	0.125	0.060
TGA042M	30 - 50	9.75	2.8	TGAO42i	1.00-2.00	0.375	0.100
TGAO43M	40 - 60	9.75	2.8	TGAO43i	1.50-2.50	0.375	0.110
TGAO44M	50 - 70	9.75	2.8	TGAO44i	2.00-3.00	0.375	0.110
TGAO45M	60 - 80	9.75	2.8	TGAO45i	2.50-3.50	0.375	0.110
TGA046M	70 - 90	9.75	2.8	TGAO46i	3.00-4.00	0.375	0.110
TGA047M	80 - 100	9.75	2.8				

Short Leg Calipers

Metric graduations 0.01mm Imperial graduations 0.0005" Effective leg length 39.7mm/1.55" A = Maximum groove depth B = Maximum groove width at depth A



Long Leg Calipers

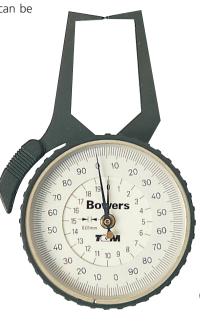
Metric graduations 0.02mm Imperial graduations 0.001" Effective leg length 87mm/3.42" A = Maximum groove depth

B = Maximum groove width at depth A



TGM External Minor Calipers

The external versions of **Bowers TGM calipers** now include carbide contact points as standard. As with other Bowers TGM products non-standard applications can be quoted against a component drawing.



Features:

- High performance braded cable made from Dacron (by Dupont). For longer cable life and excellent repeatability. In continued cyclic testing Dacron out-performed braded steel cable.
- Carbide ball contacts as standard to give enhanced quality of feel, longer contact life and less prone to marking component surfaces.

Inch

- Longer tapered contacts for easy access on groove measurement.
- Easy setting with rotating scale and protective bezel for workshop use.

SHORT LEG TECHNICAL DATA

Metric			
Model No.	Measuring	Dimensions	
	Range mm	Α	В
TGAO10M	0 - 10	9.3	3.0
TGAO11M	5 - 15	9.3	3.0
TGAO12M	10 - 20	9.3	3.0
TGAO13M	15 - 25	9.3	3.0
TGAO14M	20 - 30	9.3	3.0
TGAO15M	25 - 35	9.3	3.0
TGAO16M	30 - 40	9.3	3.0
TGAO17M	35 - 45	9.3	3.0
TGAO18M	40 - 50	9.3	3.0

Model No.	Measuring	Dimensions		
	Range inch	Α	В	
TGAO10i	0-0.50	0.375	0.120	
TGAO11i	0.25-0.75	0.375	0.120	
TGA012i	0.50-1.00	0.375	0.120	
TGA013i	0.75-1.25	0.375	0.120	
TGA014i	1.00-1.50	0.375	0.120	
TGA015i	1.25-1.75	0.375	0.120	
TGA016i	1.50-2.00	0.375	0.120	

LONG LEG TECHNICAL DATA

Model No.	Measuring	Dimensions		
	Range mm	Α	В	
TGA030M	0 - 20	9.3	3.0	
TGAO31M	10 - 30	9.3	3.0	
TGA032M	20 - 40	9.3	3.0	
TGA033M	30 - 50	9.3	3.0	
TGAO34M	40 - 60	9.3	3.0	

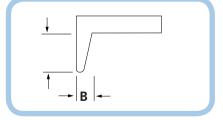
incn			
Model No.	Measuring	Dimensions	
	Range inch	Α	В
TGA030i	0-1.0	0.375	0.120
TGAO31i	0.5-1.5	0.375	0.120
TGA032i	1.0-2.0	0.375	0.120
TGA033i	1.5-2.5	0.375	0.120
TGA034i	2.0-3.0	0.375	0.120



Metric graduations 0.01mm Imperial graduations 0.0005" Effective leg length 39.7mm/1.55"

A = Maximum groove depth

B = Maximum groove width at depth A



Long Leg Calipers

Metric graduations 0.02mm Imperial graduations 0.001" Effective leg length 87mm/3.42"

A = Maximum groove depth

B = Maximum groove width at depth A