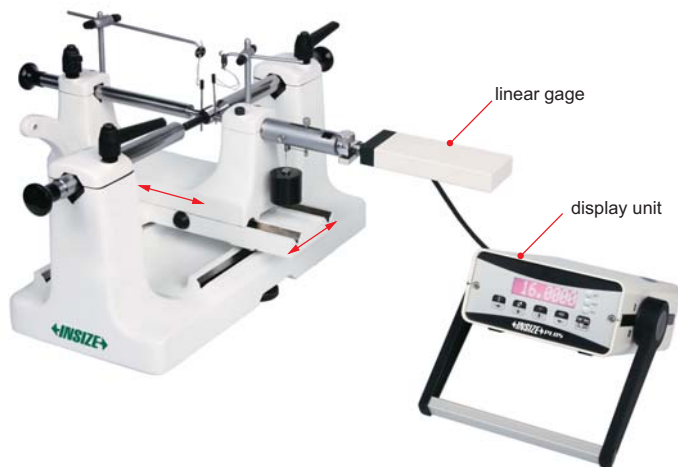
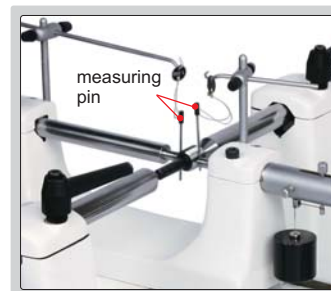


EXTERNAL THREAD MEASURING DEVICE PART NO. ISQ-TE100



measure pitch diameter of thread



- Quickly measure major, pitch and minor diameters of external thread
- Suitable for metric, inch, Whitworth, NPT and BSPT

PartNo.	Range	Resolution	Accuracy	Repeatability
ISQ-TE100	0-3.937"	.00001"	.00008"	.00002"

OPTIONAL ACCESSORY

Measuring pin	ISQ-TE100-A
Measuring prism	ISQ-TE100-B
Female center	ISQ-TE100-C
Clamp	ISQ-TE100-D
Setting disc	ISQ-TE100-E
60° find pointer	ISQ-TE100-F
55° find pointer	ISQ-TE100-G
Display unit	7108-30E
Linear gage	7108-1

Measuring pin(optional)



- To measure pitch diameter of external thread
- Each size is supplied in pair
- Hardness: 60±2HRC

PartNo.	Pins included	Pin diameter(mm)
ISQ-TE100-A	21pairs	0.170, 0.195, 0.220, 0.250, 0.290, 0.335, 0.390, 0.455, 0.530, 0.620, 0.725, 0.895, 1.100, 1.350, 1.650, 2.050, 2.550, 3.200, 4.000, 5.050, 6.350

Measuring prism(optional)



- To measure minor diameter of external thread
- Each size is supplied in pair

PartNo.	Prisms included	Size
ISQ-TE100-B	4 pairs	A, B, C, D (for different types and sizes of thread)

Setting disc (optional)



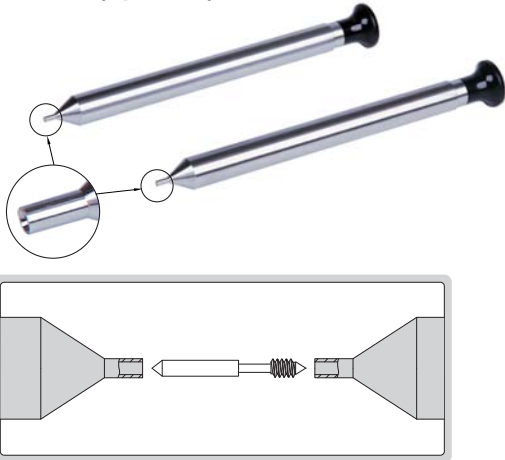
- To set initial value

PartNo.	Discs included	Disc diameter(mm)
ISQ-TE100-E	22 pcs	3, 5, 8, 12, 16, 20, 24, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100

To be continued

Continued from previous page

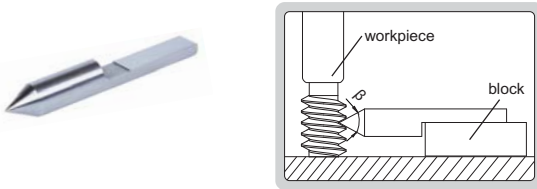
Female center (optional)



- With small holes to support small workpieces without female centers
- Supplied in pairs

Part No.
ISQ-TE100-C

Find pointer (optional)



- To find measuring point of NPT or BSPT

Part No.	Angle β	Applicable thread
ISQ-TE100-F	60°	NPT
ISQ-TE100-G	55°	BSPT

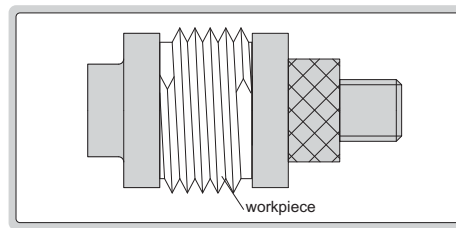
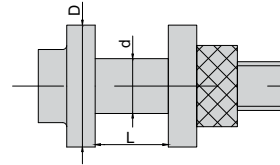
Display unit (optional)



Part No.	7108-1*
Display	8 digits
Character height	.35"
Dust/waterproof	IP20
Resolution	.00001"

* Refer to 7108-1(page xx) for details

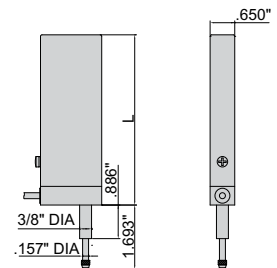
Clamp (optional)



- To hold large workpieces with inner bore

Part No.	Clamps included	d	D	L
ISQ-TE100-D	3 pcs	.531" DIA	1.181" DIA	0- .709"
		.906" DIA	2.362" DIA	0- .709"
		.906" DIA	2.953" DIA	0- .709"

Linear gage (optional)



Part No.	7108-30E*
Measuring range	1.18"
Resolution	.000001"
Accuracy	(19.7+50L/3) μ in, L is measuring length in inch
Dust/waterproof	IP50

* Refer to 7108-30E(page xx) for details