

770 ELECTRONIC THREAD GAGE MICROMETERS

Starrett®

PRECISION HAND TOOLS

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Measure thread pitch diameters faster and easier with the Starrett 770 Electronic Micrometer Thread Gages bringing precision digital thread measurement to production and inspection applications. Featuring interchangeable thread heads, high-resolution electronic readout, data output capabilities, and rugged IP67 protection, the 770 delivers fast, repeatable measurements of internal thread pitch diameters without the time-consuming process of threading plug gages in and out. Our interchangeable thread heads support a wide range of English and Metric thread forms across compatible gages. The modular 770 system improves efficiency, lowers inspection costs, and supports modern Industry 4.0 quality initiatives.



FEATURES

- Resolution to .00005" (0.001mm)
- Large high-contrast LCD digital readout is easy to read and reduces error
- Includes instant inch/millimeter conversion and preset + and - functions
- Precision ratchet stop provides correct contact pressure for accurate readings

770 Electronic Thread Gages with IP67 Protection (with output)

Cat. No.	EDP	English or Metric	Thread Size	Number of Contact Points
770BXTZ-1/4-20-THD	62537	English	1/4-20	2
770BXTZ-5/16-24-THD	62536	English	5/16-24	2
770BXTZ-7/16-20-THD	62540	English	7/16-20	3
770BXTZ-9/16-18-THD	62539	English	9/16-18	3
770BXTZ-5/8-11-THD	62541	English	5/8-11	3
770BXTZ-5/8-18-THD	62542	English	5/8-18	3
770BXTZ-3/4-16-THD	62538	English	3/4-16	3
770BXTZ-1-12-THD	62543	English	1-12	3
770BXTZ-M5X0.8-THD	62544	Metric	M5 x 0.8	2
770BXTZ-M6X1-THD	62545	Metric	M6 x 1	2
770BXTZ-M8X1.25-THD	62546	Metric	M8 x 1.25	2
770BXTZ-M10X1.5-THD	62549	Metric	M10 x 1.5	3
770BXTZ-M10X1.25-THD	62548	Metric	M10 x 1.25	3
770BXTZ-M10X1-THD	62547	Metric	M10 x 1	3
770BXTZ-M12X1.75-THD	62552	Metric	M12 x 1.75	3
770BXTZ-M12X1.5-THD	62551	Metric	M12 x 1.5	3
770BXTZ-M12X1.25-THD	62641	Metric	M12 x 1.25	3
770BXTZ-M12X1-THD	62550	Metric	M12 x 1	3
770BXTZ-M16X2-THD	62555	Metric	M16 x 2	3
770BXTZ-M16X1.5-THD	62554	Metric	M16 x 1.5	3
770BXTZ-M16X1-THD	62553	Metric	M16 x 1	3
770BXTZ-M18X1.5-THD	62557	Metric	M18 x 1.5	3
770BXTZ-M18X1.25-THD	62556	Metric	M18 x 1.25	3
770BXTZ-M20X1.5-THD	62559	Metric	M20 x 1.5	3
770BXTZ-M20X2.5-THD	62560	Metric	M20 x 2.5	3
770BXTZ-M20X1-THD	62558	Metric	M20 x 1	3
770BXTZ-M22X1.5-THD	62561	Metric	M22 x 1.5	3

Includes (1) 770 Electronic Internal Micrometer, (1) thread head, (1) thread setting ring, certificate of calibration and a 3V lithium battery in a protective case.

Other thread sizes available upon request.



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770BXZT-1/4-20-THD

770 Electronic Thread Gages with IP67 Protection (Individual Replacement Gages, Heads and Rings)

Cat. No.	Replacement Gages		Replacement Heads		Replacement Rings	
	Cat. No.	EDP	Cat. No.	EDP	Cat. No.	EDP
770BXZT-1/4-20-THD	770BXTH-250	73300	HEAD-1/4-20-THD	62605	RING-1/4-20-THD	62633
770BXZT-5/16-24-THD			HEAD-5/16-24-THD	62607	RING-5/16-24-THD	62635
770BXZT-7/16-20-THD	770BXTH-375	73301	HEAD-7/16-20-THD	62610	RING-7/16-20-THD	62638
770BXZT-9/16-18-THD	770BXTH-750	73302	HEAD-9/16-18-THD	62611	RING-9/16-18-THD	62639
770BXZT-5/8-11-THD			HEAD-5/8-11-THD	62608	RING-5/8-11-THD	62636
770BXZT-5/8-18-THD			HEAD-5/8-18-THD	62609	RING-5/8-18-THD	62637
770BXZT-3/4-16-THD	770BXTH-2	73303	HEAD-3/4-16-THD	62606	RING-3/4-16-THD	62634
770BXZT-1-12-THD			HEAD-1-12-THD	62604	RING-1-12-THD	62632
770BXZT-M5X0.8-THD	770BXTH-250	73300	HEAD-M5X0.8-THD	62601	RING-M5X0.8-THD	62629
770BXZT-M6X1-THD			HEAD-M6X1-THD	62602	RING-M6X1-THD	62630
770BXZT-M8X1.25-THD	770BXTH-375	73301	HEAD-M8X1.25-THD	62603	RING-M8X1.25-THD	62631
770BXZT-M10X1.5-THD			HEAD-M10X1.5-THD	62586	RING-M10X1.5-THD	62614
770BXZT-M10X1.25-THD			HEAD-M10X1.25-THD	62585	RING-M10X1.25-THD	62613
770BXZT-M10X1-THD	770BXTH-750	73302	HEAD-M10X1-THD	62584	RING-M10X1-THD	62612
770BXZT-M12X1.75-THD			HEAD-M12X1.75-THD	62590	RING-M12X1.75-THD	62618
770BXZT-M12X1.5-THD			HEAD-M12X1.5-THD	62589	RING-M12X1.5-THD	62617
770BXZT-M12X1.25-THD			HEAD-M12X1.25-THD	62588	RING-M12X1.25-THD	62616
770BXZT-M12X1-THD			HEAD-M12X1-THD	62587	RING-M12X1-THD	62615
770BXZT-M16X2-THD			HEAD-M16X2-THD	62594	RING-M16X2-THD	62622
770BXZT-M16X1.5-THD			HEAD-M16X1.5-THD	62593	RING-M16X1.5-THD	62621
770BXZT-M16X1-THD			HEAD-M16X1-THD	62592	RING-M16X1-THD	62620
770BXZT-M18X1.5-THD			HEAD-M18X1.5-THD	62596	RING-M18X1.5-THD	62624
770BXZT-M18X1.25-THD			HEAD-M18X1.25-THD	62595	RING-M18X1.25-THD	62623
770BXZT-M20X1.5-THD	770BXTH-2	73303	HEAD-M20X1.5-THD	62598	RING-M20X1.5-THD	62626
770BXZT-M20X2.5-THD			HEAD-M20X2.5-THD	62599	RING-M20X2.5-THD	62627
770BXZT-M20X1-THD			HEAD-M20X1-THD	62597	RING-M20X1-THD	62625
770BXZT-M22X1.5-THD			HEAD-M22X1.5-THD	62600	RING-M22X1.5-THD	62628

