



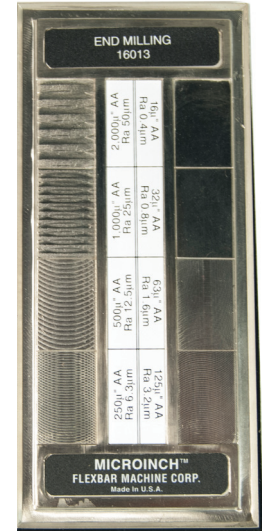
MICROINCH™ COMPARATOR PLATES

**SURFACE ROUGHNESS (Texture) COMPARISON STANDARDS
MADE OF SOLID ELECTROFORMED NICKEL**

The LARGEST VARIETY OF STANDARDS available for assessing and specifying, by Symbol, the DEGREE OF ROUGHNESS of machined parts - including every machining method known.

EVERY OBTAINABLE VALUE

- 15 DIFFERENT SETS AVAILABLE (See Chart Below).
- Each value size is 16mm x 25mm (or 5/8" x 1").
- Overall dimensions of each plate 52mm x 128mm (or 2-1/16" x 5").
- Light in weight - can be carried in pocket.
Supplied in Plastic Wallet.



MARKINGS: Graduated in American values - AA (microinches) as well as I.S.O. standards such as Metric Equivalents RA (μ).



**Standard Models supplied with Certificate of Conformance
Calibrated Models supplied with Long Form NIST Traceable Certificate**

STANDARD MODEL NO.	CALIBRATED MODEL NO.	MACHINING METHOD	NO. OF SPECIMENS	RANGE Ra μm	RANGE AA μ"	N NUMBERS
16009	16009-CAL	Surface Grinding	8	.025 - 3.2	1,2,4,8,16,32,63,125	1 - 8
16010	16010-CAL	Cylindrical Grinding	8	.025 - 3.2	1,2,4,8,16,32,63,125	1 - 8
16011	16011-CAL	Face Turning	8	0.4 - 50	16,32,63,125,250,500,1000,2000	5 - 12
16012	16012-CAL	Cylindrical Turning	8	0.4 - 50	16,32,63,125,250,500,1000,2000	5 - 12
16013	16013-CAL	End Milling	8	0.4 - 50	16,32,63,125,250,500,1000,2000	5 - 12
16014	16014-CAL	Reaming & Drilling	8	0.4 - 12.5	16,32,63,125 Reaming 63,125,250,500 Drilling	5 - 10
16015	16015-CAL	Horizontal Milling	8	0.4 - 50	16,32,63,125,250,500,1000,2000	5 - 12
16016	16016-CAL	Planing & Shaping	8	0.8 - 100	32,63,125,250,500,1000,2000,4000	6 - 13
16017	16017-CAL	E.D.M.	8	0.4 - 50	16,32,63,125,250,500,1000,2000	5 - 12
16019	16019-CAL	Cylindrical Lapping Superfinishing	8 8	.025 - 0.2 .025 - 0.2	1,2,4,8 Cylindrical Lap 1,2,4,8 Superfinish	1 - 4
16021	16021-CAL	Grit Blasting Shot Blasting	8 8	3.2 - 18 3.2 - 25	128, 420, 720, 1000 128, 320, 520, 720	5 - 10
16022	16022-CAL	Hand Filing	5	0.4 - 6.3	16,32,63,125,250	5 - 9
16023	16023-CAL	Casting	7	0.8 - 50	32,63,125,250,500,1000,2000	6 - 12
16026	16026-CAL	Polishing	5	.0125 - 0.20	0.5,1,2,4,8	0-4
16044	16044-CAL	Belt Sanding	6	0.10 - 3.2	4,8,16,32,63,125	3 - 8

* Manufactured to ANSI-B-46, 1-1985. Each set is supplied in rugged vinyl case which contains a durable instruction card with valuable information in easily understood language This enables the user to obtain best results when assessing roughness or finish by sight and touch. All 15 plates conform to S.A.E. and Mil Specs.