Fowler® Surface Roughness Standards & Comparator

No. 52-720-000 Fowler's Surface Roughness Standards—ideal for checking, identifying and specifying by symbol the degree of roughness of machine parts—covers every machine method known and every obtainable value.

- Grade AA values are displayed in microinch and micron values.
- Quick, easy comparisons. Eliminates costly checking methods, saves time, reduces production of scrap caused by poor finishes.
- 30 specimens, each 7⁄8" x 3⁄8" in size, and made of electro-formed solid nickel.
- Each type of surface finish accurately and consistently reproduced to give operator a realistic idea of the feel, appearance and texture of the machined components.
- Includes instructions and vinyl wallet.

Surface Finish	Number of Specimens	Micro Inches	Microns
Flat Lapping	3	2, 4 & 8	.05, .1 & .2
Reaming	3	16, 32 & 63	.4, .8 & 1.6
Grinding	6	2, 4, 8, 16, 32 & 63	.05, .1, .2, .4, .8 & 1.6
Horizontal Milling	6	16, 32, 63, 125, 250 & 500	.4, .8, 1.6, 3.2, 6.5 & 12.5
Vertical Milling	6	16, 32, 63, 125, 250 & 500	.4, .8, 1.6, 3.2, 6.5 & 12.5
Turning	6	16, 32, 63, 125, 250 & 500	.4, .8, 1.6, 3.2, 6.5 & 12.5

No. 52-722-000 Economy Roughness Comparator—ideal for engineers, inspectors and purchasing agents to gage accurate surface finishes.

- Range is 16 to 500 microinches. Measures 3-1⁄2" x 5", weighs 1 oz. Contains 18 exact surface reproductions (9 on each side). Handy "hang-up" hole.
- Specimens include mill, end mill, grinding, shape turning and flame cutting. Made of tough, scratch-resistant ABS unbreakable plastic (color is black).
- Comes complete with a plastic wallet.

Machining Method	Microinches (AA or Ra)
Grinding	16, 32, 63, 125 & 250
End Milling	63, 125, 250 & 500
Milling	63, 125, 250 & 500
Shape Turning	63, 125, 250 & 500
Flame Cutting	500

Order No.	Description
52-720-000	Complete Scale Set of 30 Specimens.
52-722-000	Plastic Economy Roughness Comparator.