SURVEILLANCE MASTERS

GSG Micrometer Masters

GSG Micrometer masters are used to calibrate and set micrometers. The master is superior to gage block calibration because they do not require block stacks and therefore it is much faster to inspect the linear range of the tool. In addition they indicate wear on the micrometer anvil because it replicates how the micrometer is used.

Model # 01-1E (English)
Model # 01-1M (Metric)

01-1 diameter is Stainless Steel to reduce wear and prevent rust. Hardened, stabilized, ground and lapped to ±.0001". Comes complete with storage case. The master has two odd steps, one at .512" and another at .762". These steps allow checking of parallelism of the micrometer anvils.

Model # 16-1E (English)
Model # 16-1M (Metric)

1.00"-6.00" diameter in 1.00" increments
25-150mm diameter in 25.0mm increments
Case hardened, stabilized, ground and lapped to ±.0001" or ±.0025mm
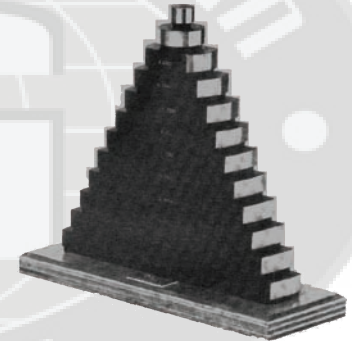
Model # 16-1/2E (English)
Model # 16-1/2M (Metric)

1/2"-6.00" diameter in 1/2" increments
12.5-150mm diameter in 12.5mm increments
Case hardened, stabilized, ground and lapped to ±.0001" or ±.0025mm

Model # 112E (English)
Model # 112M

1.00"-12.00" diameter in 1.00" increments
25-300mm diameter in 25.0mm increments
Case hardened, stabilized, ground and lapped to ±.0001" or ±.0025mm

GSG Vernier Caliper Masters

GSG Vernier masters are used to calibrate and set Vernier calipers. The master is superior to gage block calibration because they do not require block stacks and therefore it is much faster to inspect linear range of the tool. In addition they indicate wear on the caliper anvils because both the ID and OD jaws are inspected without additional setup.

Model # VC-1E (English)
Model # VC-1M (Metric)

1.00"-6.00" diameter in 1.00" increments for outside jaws, 1/2" to 4 1/2" inside jaws. ±.0002"
25-150mm diameter in 25.0mm increments for outside jaws, 12.5 to 112mm for inside jaws ±.005mm
Case hardened, stabilized, ground and lapped to ±.0002"

Larger Sizes Available Upon request