









12000 SERIES TRANSMITTING CAPACITORS — Rigid heavy channeled aluminum end plates. Ceramic insulation, polished or plain edges. One piece rotor contact spring and connection lug. Compact, easy to mount with connector lugs in convenient locations.

Available in single and double sections and many capacities and plate spacings.

**28000 SERIES VARIABLE AIR CAPACITORS** — "Designed for Application," double bearings, steatite end plates, plated brass plates. Single or double section .022" to .066" air gap. End plate size:  $1\%_6$ " x  $1\%_6$ ". Rotor plate radius:  $3\frac{1}{4}$ ". Shaft lock, rear shaft extension, special mounting brackets, etc., to meet your requirements. The 28000 series has semi-circular rotor plate shape. Many stock sizes.

NEUTRALIZING CAPACITOR — Designed originally for use in our own Power Amplifier, the No. 15011 disc neutralizing capacitor has such unique features as rigid channel frame, horizontal or vertical mounting, fine thread oversize lead screw with stop to prevent shorting and rotor lock. Heavy rounded-edged polished aluminum plates are 2" diameter. Glazed steatite insulation.

No. 15011

NO. 25000 SERIES MACHINED FROM SOLID BARS OF EXTRUDED BRASS — Modern demands for miniature precision, high Q variable air dielectric capacitors with high reliability require that all of the stator plates be machined from a solid block of brass and that all of the rotor plates be machined from a solid block of brass.





worm DRIVE UNIT — Cast aluminum frame may be panel or base mounted. Spring loaded split gears to minimize back lash. Standard ratio 16/1. Also in 48/1, 36/1, 12/1. No. 10000 — (state ratio)

RIGHT ANGLE DRIVE — Extremely compact, with provisions for many methods of mounting. Ideal for operating potentiometers, switches, etc., that must be located, for short leads, in remote parts of chassis.

No. 10012 For ½" shaft:









**PERMEABILITY TUNED CERAMIC FORMS** — The 69000 series of ceramic permeability tuned unshielded forms are stock items. Winding diameters available from  $\frac{3}{12}$ " and winding space from  $\frac{11}{12}$ " to  $\frac{11}{12}$ ".

to 1/2 and winding space no	111 1/32 10 1 72 .
No. 69041—(Copper Slug)	No. 69052—(Iron Core)
No. 69042—(Iron Core)	No. 69054—(Iron Core)
No. 69043—(Iron Core)	No. 69055—(Copper Slug).
No. 69044—(Brass Slug)	No. 69056—(Iron Core)
No. 69045—(Copper Slug)	No. 69057—(Copper Slug).
No. 69046—(Iron Core)	No. 69058—(Iron Core)
No. 69047—(Copper Slug)	No. 69061—(Copper Slug)
No. 69048—(Iron Core)	No. 69062—(Iron Core)
No. 69051—(Copper Slug)	

MILLEN COIL FORMS — Made of low loss mica filled brown bakelite. Guide funnel makes for easy threading of leads through pins.

No. 45000 — No pins No. 45004 — 4 pins No. 45005 — 5 pins

**SHAFT LOCKS** — In addition to No. 10060 and No. 10061 shaft locks, we can also furnish such variations as the No. 10062 and No. 10063 for easy thumb operation. The No. 10061 converts any plain " $^{1}\!\!/_{4}$  shaft" control, condenser, etc. from "plain" to "shaft locked" type.

HIGH VOLTAGE INSULATED SHAFT EXTENSION — No. 10061 shaft locks and the No. 39023 insulated high voltage potentiometer extension mountings are available as a single integrated unit — the No. 39024. The standard shaft has provision for screw driver adjustment. Extension shaft and insulated coupling are molded as a single unit to provide accuracy of alignment.

No. 39023, non locking type .. No. 39024, locking type ...





PHASE-SHIFT NETWORK — A laboratory aligned pair of networks in a 2" x 1% " case with a phase shift between the two networks of 90°  $\pm 1.3$ ° over a frequency range of 225 to 2750 cycles. For use in SSB transmitter or receiver. 40 db suppression of the unwanted sideband.

DIALS AND KNOBS — Just a few of the many stock types of small dials and knobs are illustrated herewith. 10007 is 15/8" diameter, 10009 is 23/4" and 10008 is 31/2".