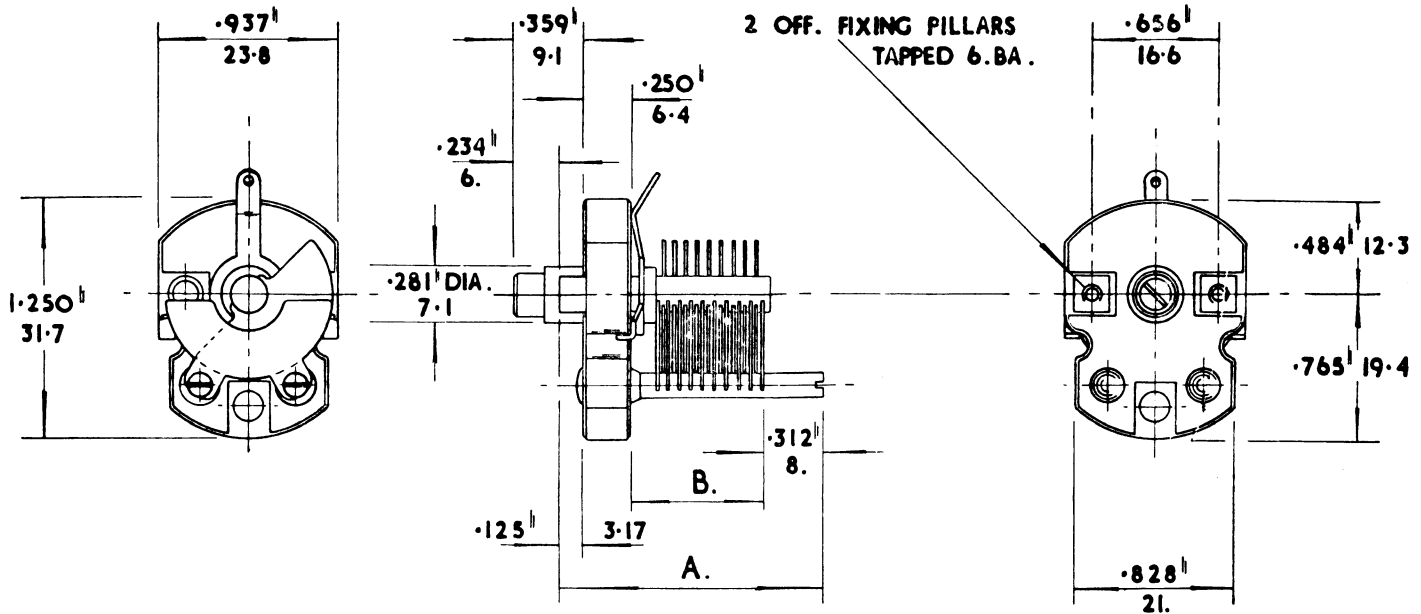


AIR TRIMMER C.801 CAPACITOR



Capacity		Fixed— —Vanes	Moving— —Vanes	Air Gap	Dim. A.		Dim. B.	
Minimum	Maximum				Inches	M/M	Inches	M/M
2.3 μ F.	5 μ F.	2	1	.045"	1.031"	26.2	.343"	8.7
3.0 ..	10 ..	4	3	.045"	1.218"	31.0	.531"	13.5
3.5 ..	15 ..	5	5	.045"	1.390"	35.3	.703"	17.8
4.0 ..	20 ..	6	7	.045"	1.578"	40.0	.890"	22.6
3.3 ..	25 ..	4	3	.015"	1.000"	25.4	.312"	8.0
5.5 ..	30 ..	9	10	.045"	1.906"	48.4	1.218"	31.0
3.8 ..	50 ..	7	6	.015"	1.187"	30.2	.500"	12.7
4.0 ..	60 ..	8	8	.015"	1.375"	35.0	.687"	17.4
4.3 ..	75 ..	10	9	.015"	1.375"	35.0	.687"	17.4
4.3 ..	100 ..	12	13	.015"	1.546"	39.2	.859"	21.8
5.8 ..	150 ..	18	19	.015"	1.906"	48.4	1.218"	31.0

Data Sheet 4645A

Up to 150 pF Max. Air gap .015". Tested at 750 Volts.
Available in various capacities Insulation:—Ceramic
Up to 30 pF Max. Air gap .045". Tested at 1250 Volts.

Rotor spindle slotted for screw driver adjustment.

Finish: Commercial or DEF. 5000

Temperature coefficient less than + 50 p.p.m. per deg. C.

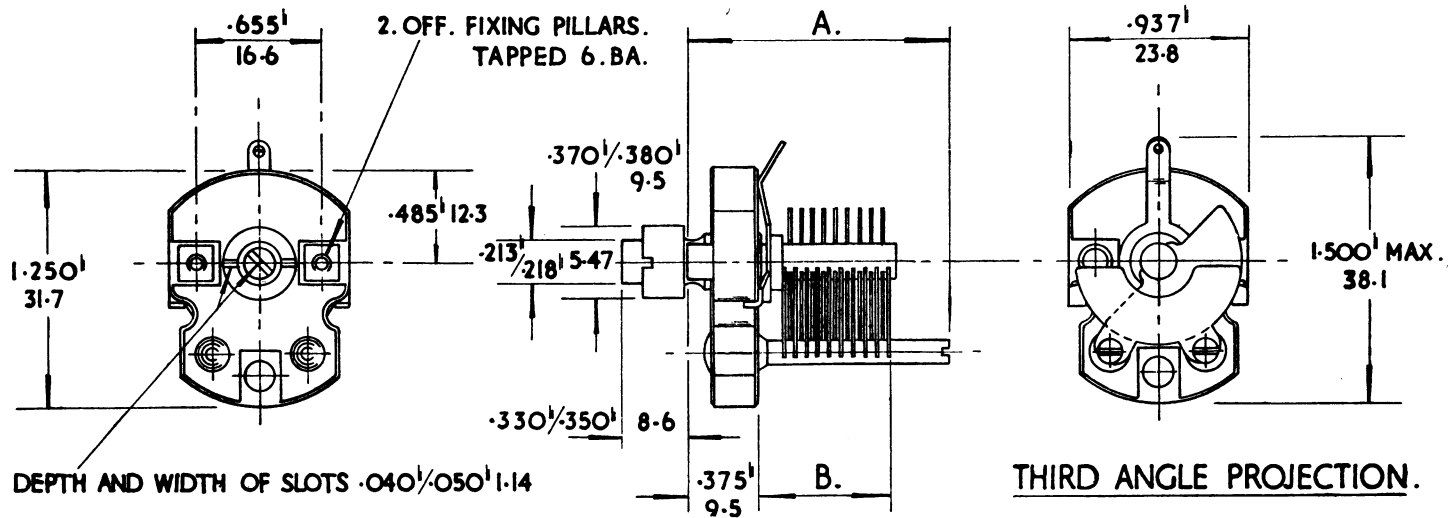
Power factor .0001

(C.802 As above, but dimension .359" increased to 1 $\frac{1}{8}$ " Drg. No. 5020)

S.L.C. law

Drawing No. 4645.

AIR TRIMMER C.803 CAPACITOR



Specification:—

Base:—Low Loss Ceramic. All metal parts:—Brass. Except Phos. Bronze Tension Spring.

Finish:—Commercial or DEF. 5000

Temperature coefficient less than $+50$ p.p.m. per deg. C.

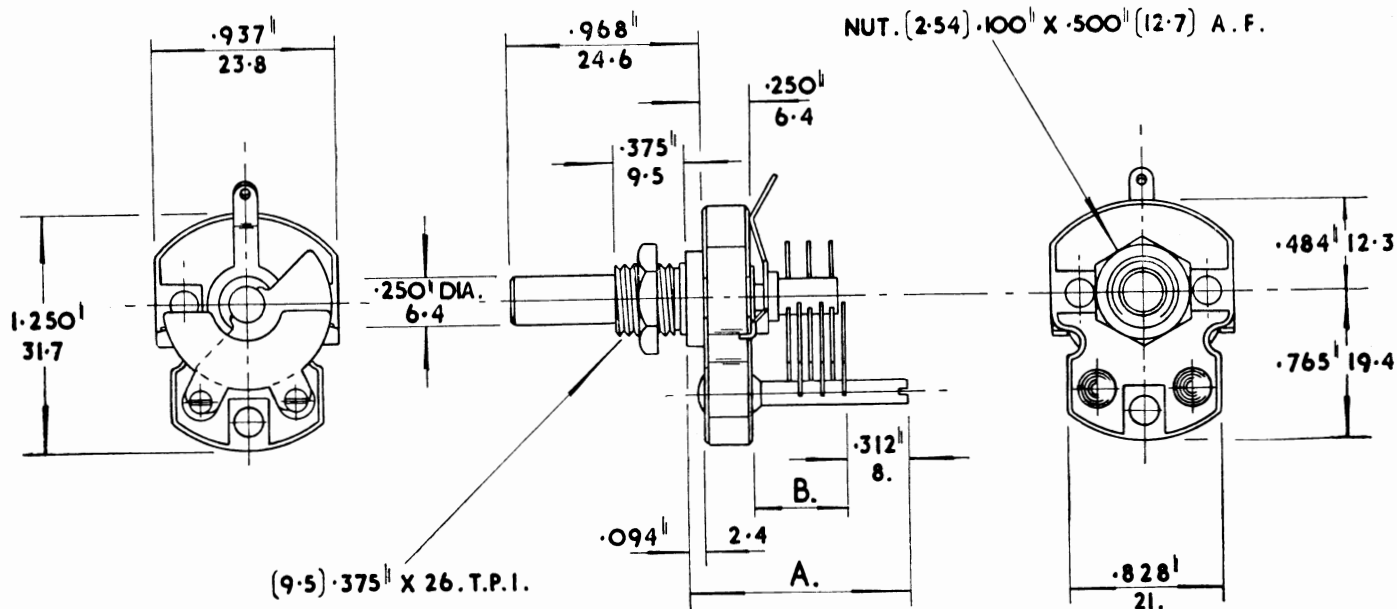
$.015''$ Air Gap Tested at 750 Volts; $.045''$ Air Gap Tested at 1250 Volts.

Metric as well as English dimensions shown

Capacity:—Up to 150 pF Max. See Data Sheet No. 4645.A page 35. S.L.C. law. Drawing No. 5030.

Power factor $.0001$

AIR TRIMMERS C.804 and C.809



CAPACITY		FIXED ———	MOVING ———	AIR GAP	DIM. A.		DIM. B.	
MINIMUM	MAXIMUM	———VANES.	———VANES.		INCHES	M/M	INCHES	M/M
2.7 μF	5 μF	2	1	.045"	1.000"	25.4	343"	8.7
3.0 "	10 "	4	3	.045"	1.187"	30.2	531"	13.5
3.5 "	15 "	5	5	.045"	1.359"	34.5	703"	17.8
4.0 "	20 "	6	7	.045"	1.546"	39.2	.890"	22.6
3.3 "	25 "	4	3	.015"	.968"	24.6	312"	8.0
5.5 "	30 "	9	10	.045"	1.875"	47.6	1218"	31.0
3.8 "	50 "	7	6	.015"	1.156"	29.4	.500"	12.7
4.0 "	60 "	8	8	.015"	1.343"	34.1	687"	17.4
4.3 "	75 "	10	9	.015"	1.343"	34.1	687"	17.4
4.5 "	100 "	12	13	.015"	1.515"	38.4	859"	21.8
5.8 "	150 "	18	19	.015"	1.875"	47.6	1218"	31.0

Also supplied as C.809 similar to above but with airtight panel and spindle seal. Drawing No. 5120.

Up to 150 pF Max. Air gap .015". Tested at 750 Volts.
Available in various capacities Insulation:—Ceramic. One hole fixing.
Up to 30 pF Max. Air gap .045". Tested at 1250 Volts.

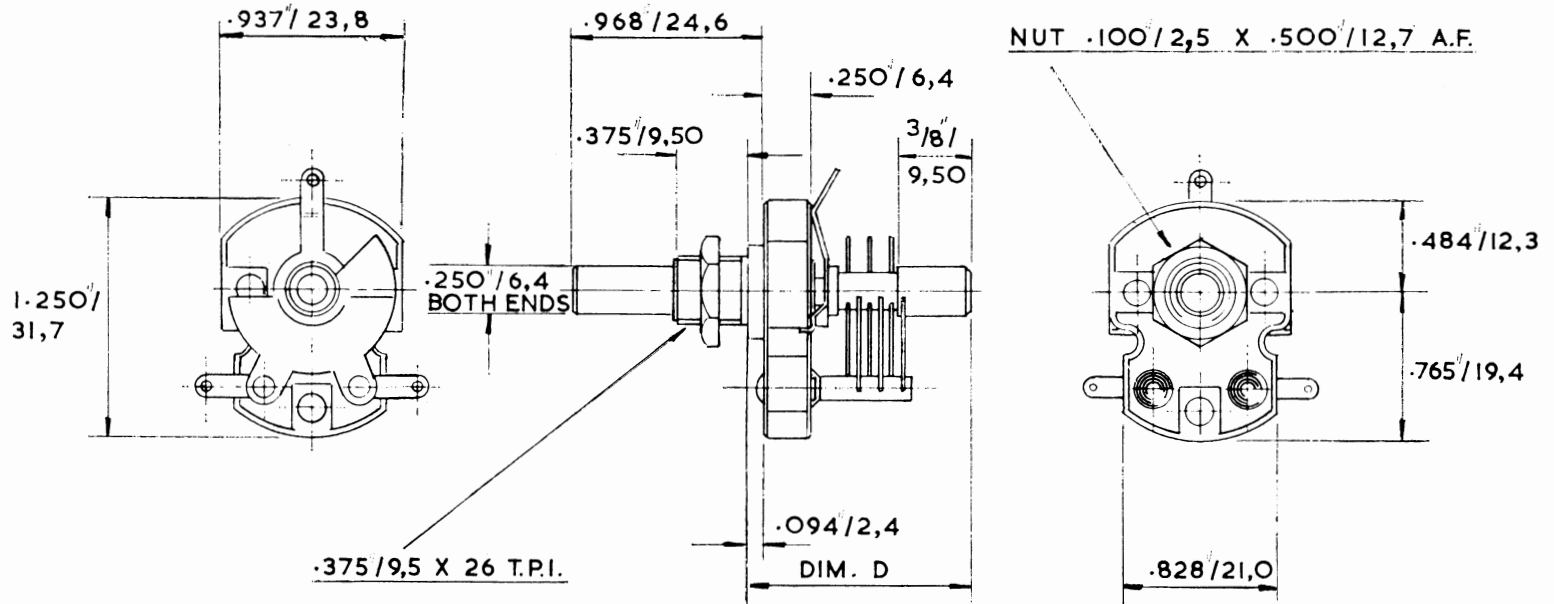
Temperature coefficient less than $+50$ p.p.m. per deg. C.

Finish: Commercial or DEF. 5000. S.L.C. law. Drawing No. 4667

Data Sheet 4667A.

AIR TRIMMERS C804/E

CAPACITY UP TO 150 pF



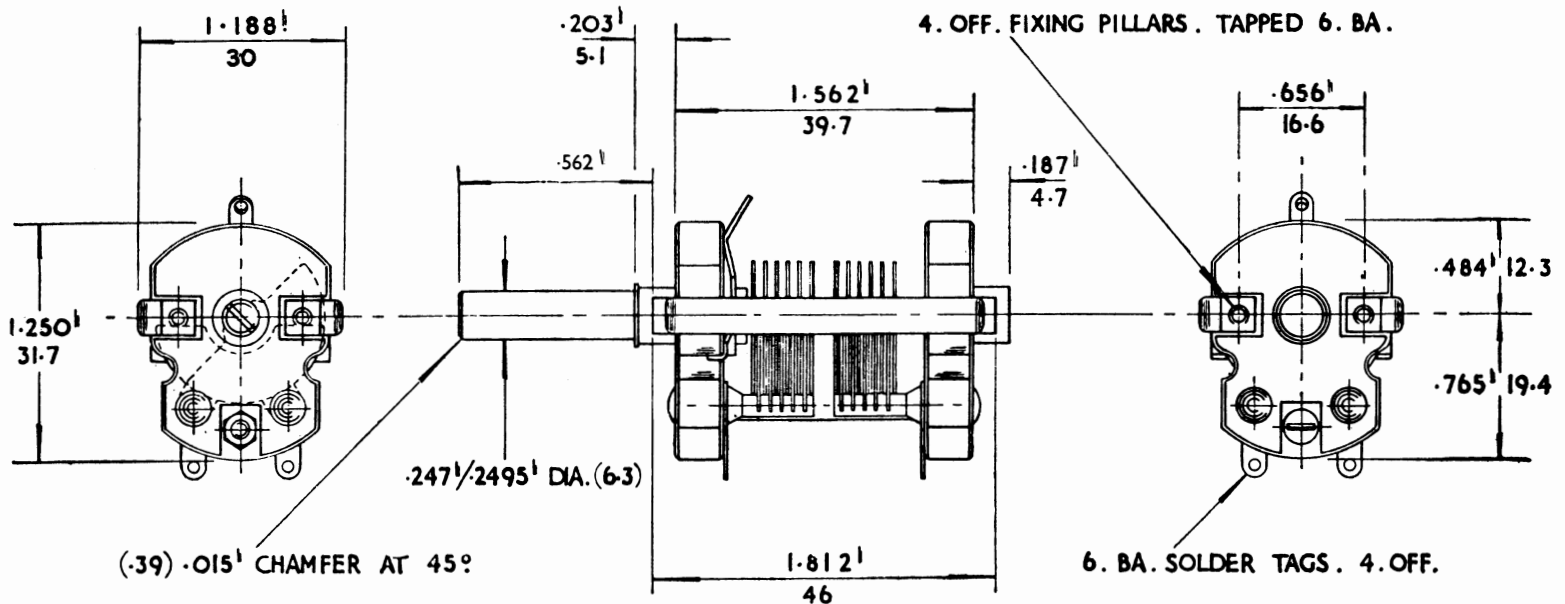
SPEC.— BASE—LOW LOSS CERAMIC , SPINDLE —STAINLESS STEEL TENSION SPRING — PHOS. BRONZE , ALL OTHER PARTS BRASS

FINISH — ROTOR AND STATOR SOLDERED AND SILVER PLATED TENSION SPRING NICKEL PLATED

4667/E/150	$2\frac{1}{32}$ "	4667/E/30	$2\frac{1}{32}$ "
4667/E/100	$1\frac{43}{64}$ "	4667/E/20	$1\frac{43}{64}$ "
4667/E/50	$1\frac{1}{4}$ "	4667/E/10	$1\frac{1}{4}$ "
4667/E/25	$1\frac{1}{16}$ "	4667/E/5	$1\frac{1}{16}$ "
PART NO.	DIM. D	PART NO.	DIM. D

Drawing No. 4667/E

AIR TRIMMER C.808 "SPLIT STATOR" CAPACITOR



Specification:—

Base:—Low loss Ceramic. Stainless Steel Spindle. Other Parts:—Brass. Except Phos. Bronze Tension Spring and Washer

S.L.C. law

CAPACITIES (per section) AVAILABLE

3-10 pF.

3.3—25 pF.

3.5—43 pF.

4—63 pF.

.045" Air gap. 3.F.3.M. Vanes

.015" Air gap. 3.F.4.M. Vanes

.015" Air gap. 5.F.6.M. Vanes

.015" Air gap. 8.F.9.M. Vanes

.045" A/G Tested at 1250 Volts.

Temperature coefficient less than + 50 p.p.m. per deg. C.

(Length over Plates 1.922")

.015" A/G Tested at 750 Volts.

Metric as well as English dimensions shown

(Length over Fixing Pillars 2.172")

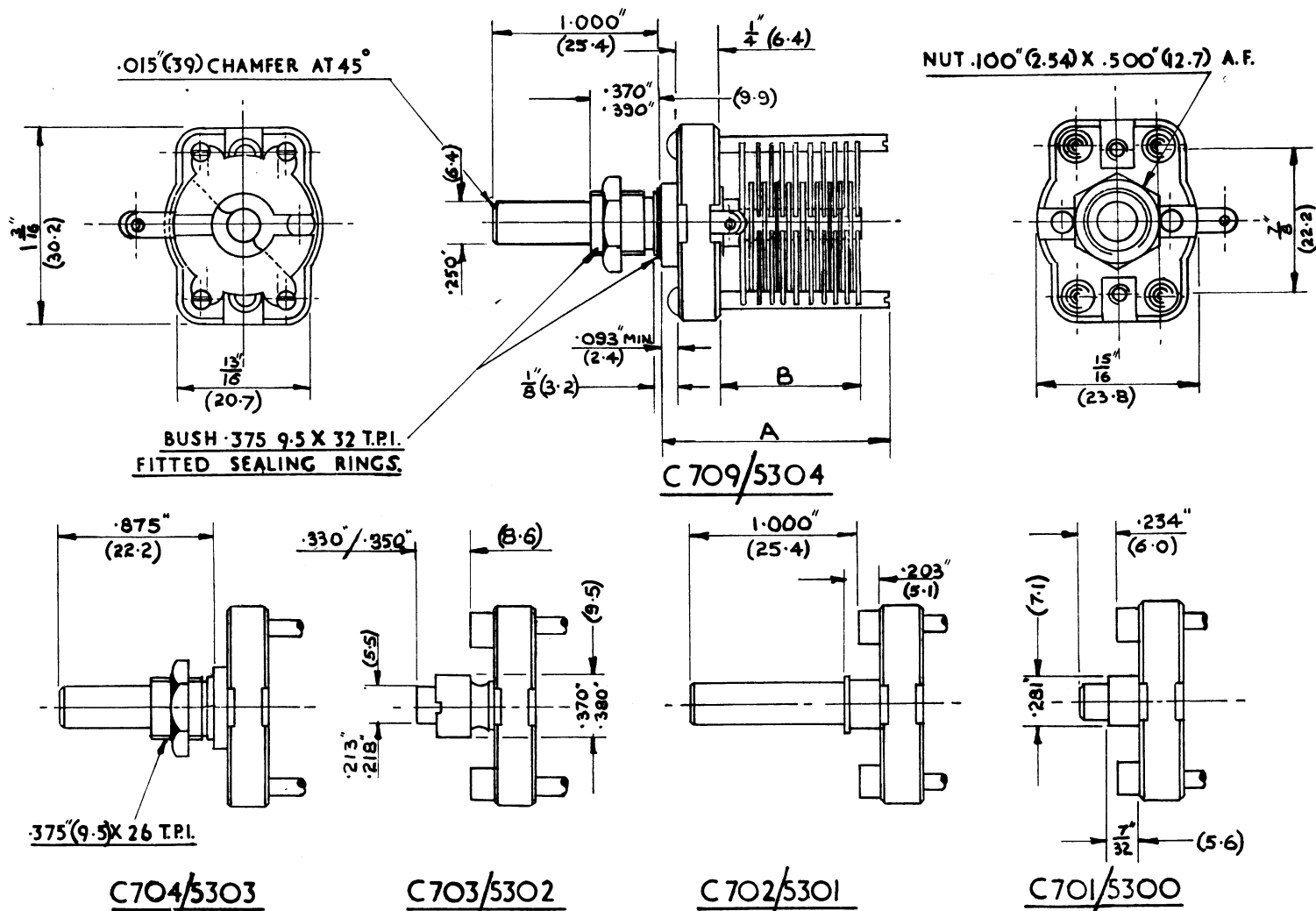
Finish:— Commercial or DEF. 5000

See Data Sheets on page 100

Drawing No. 5103

Power factor .0001

DIFFERENTIAL TRIMMER CAPACITORS

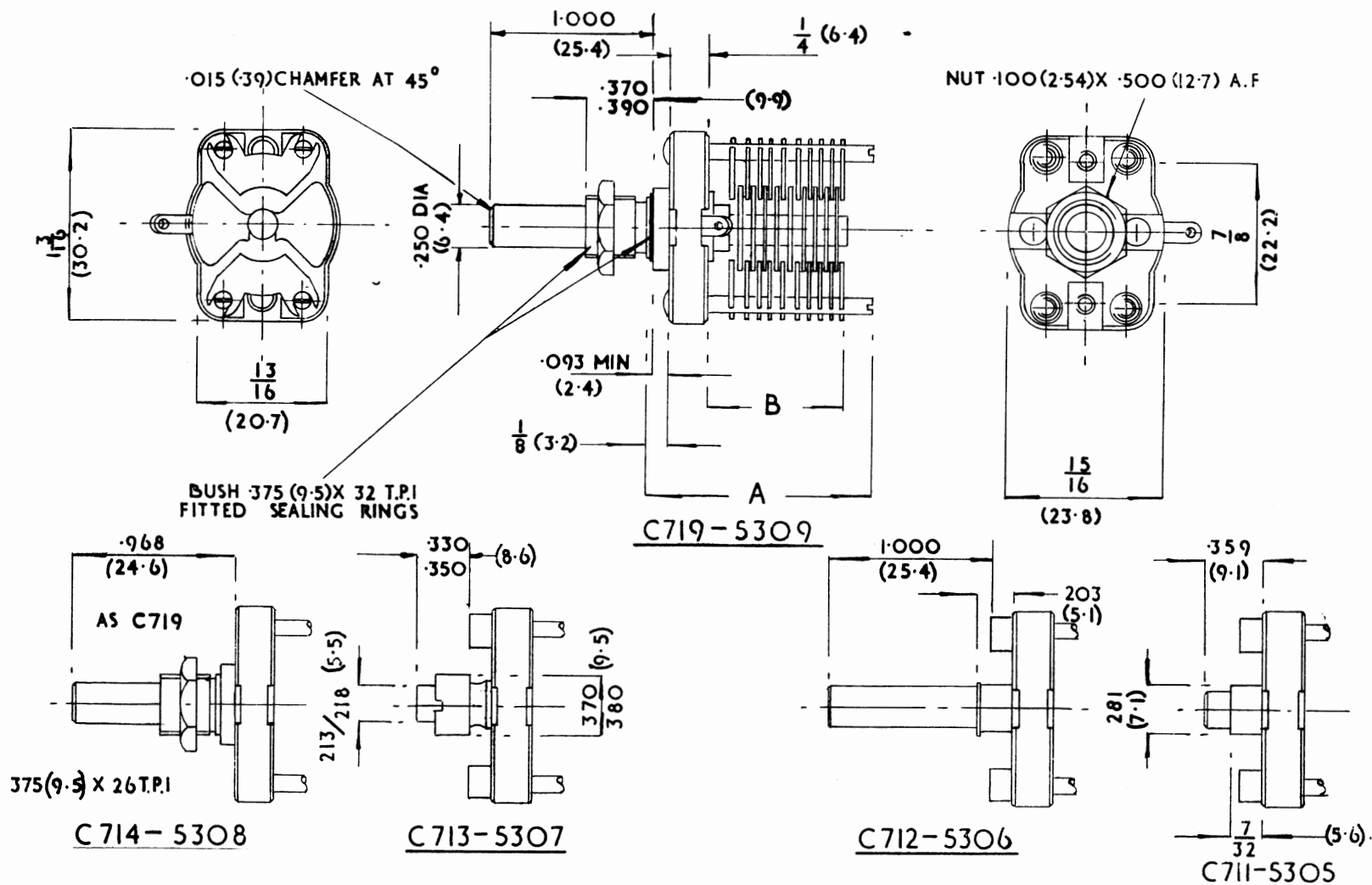


SPECIFICATION:—BASE LOW LOSS CERAMIC, KNOB SHAFT, RUST-RESISTING STEEL, WIPE SPRING, PHOS BRONZE, ALL OTHER PARTS, BRASS.

See Data Sheets on page 100

Drawing No. 5300/4

BUTTERFLY TRIMMER CAPACITORS



SPECIFICATION:—BASE LOW LOSS CERAMIC, KNOB SHAFT, RUST-RESISTING STEEL, WIPE SPRING, PHOS BRONZE, ALL OTHER PARTS, BRASS.

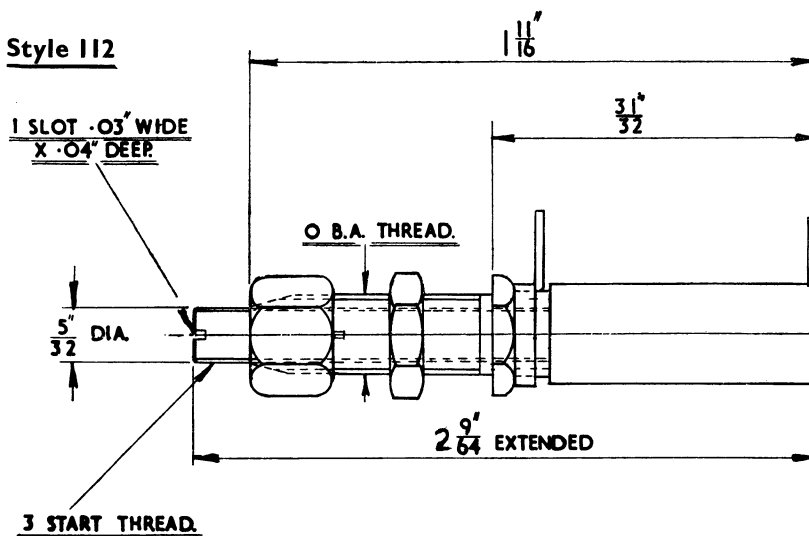
Finish:—Commercial or DEF. 5000

See Data Sheets on page 100

Drawing No. : 5305/9

P.T.F.E. TRIMMER CAPACITORS (Styles 112, 120)

Style 112



Specification:—P.T.F.E. Dielectric.
All other parts Silver Plated Brass.

Min. Capacity:—Less than $\frac{1}{2}$ pF.

Max. Capacity:—12 pF.

Test at 2,500 Volts peak.

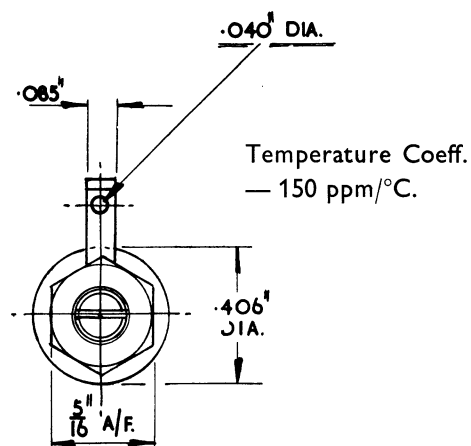
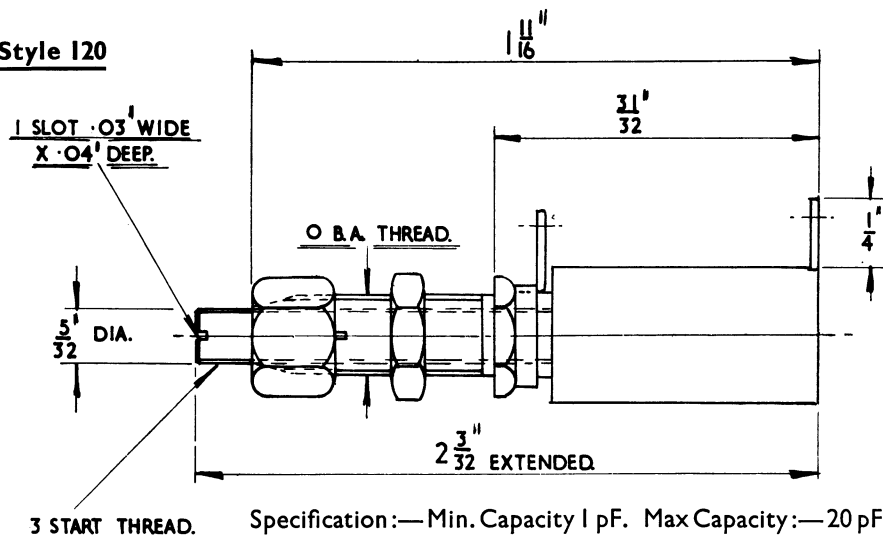
Fitted 3-Start Thread for smooth Rapid Adjustment.

Collet Locks to protect against Shock and Vibration and to provide positive electrical contact to Rotor.

Temperature Coefficient —350 p.p.m./°C.

Drawing No. 4463.

Style 120



Specification:—Min. Capacity 1 pF. Max Capacity:—20 pF. Drawing No. 4472. Otherwise as above.

Also available:—**Style 212** Drawing No. 4455.

Temperature Coefficient 0 ppm/°C.

Style 220 Drawing No. 4456.

Temperature Coefficient + 100 ppm/°C.

These Trimmers are the same as Styles 112 and 120 but have a Mycalex Body.